

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN ~~TRIPPLICATE~~*
 (Other instructions on
 reverse side)

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7. Unit Agreement Name

Anschutz Ranch East Unit

8. Farm or Lease Name

Anschutz Ranch East

9. Well No.

#36-10

10. Field and Pool, or Wildcat

Anschutz Ranch East

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 36, T4N, R7E

12. County or Parrish 13. State

Summit Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☐Gas
Well ☒

Other

Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

AMOCO PRODUCTION COMPANY

3. Address of Operator

P.O. Box 17675 Salt Lake City, Utah 84117

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

2314.5 FSL & 2109.5 FWL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned
to this well18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

20. Rotary or cable tools

21. Elevations (Show whether DF, RT, GR, etc.)

8337.1 GR

22. Approx. date work will start*

When Approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
As required	20"-24"	106#	40'-80'	Dependent on terrain
17½"	13 3/8"	68#-72#	4900'	
12¼"	9 5/8x9 7/8"	47#-53.5#-62#	12570'	100-150' into Twin Creek
8½"	7"	32#	14980'	TD-150' below GWC

PROPOSE TO DEVELOP NUGGET RESERVES

(See Attachments)

~~(Well to be drilled in accordance with the Order issued in Cause 183-11)~~

**APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**

DATE 4-15-83
 BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

[Signature]

Title Staff Administrative Analyst

Date 4/11/83

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

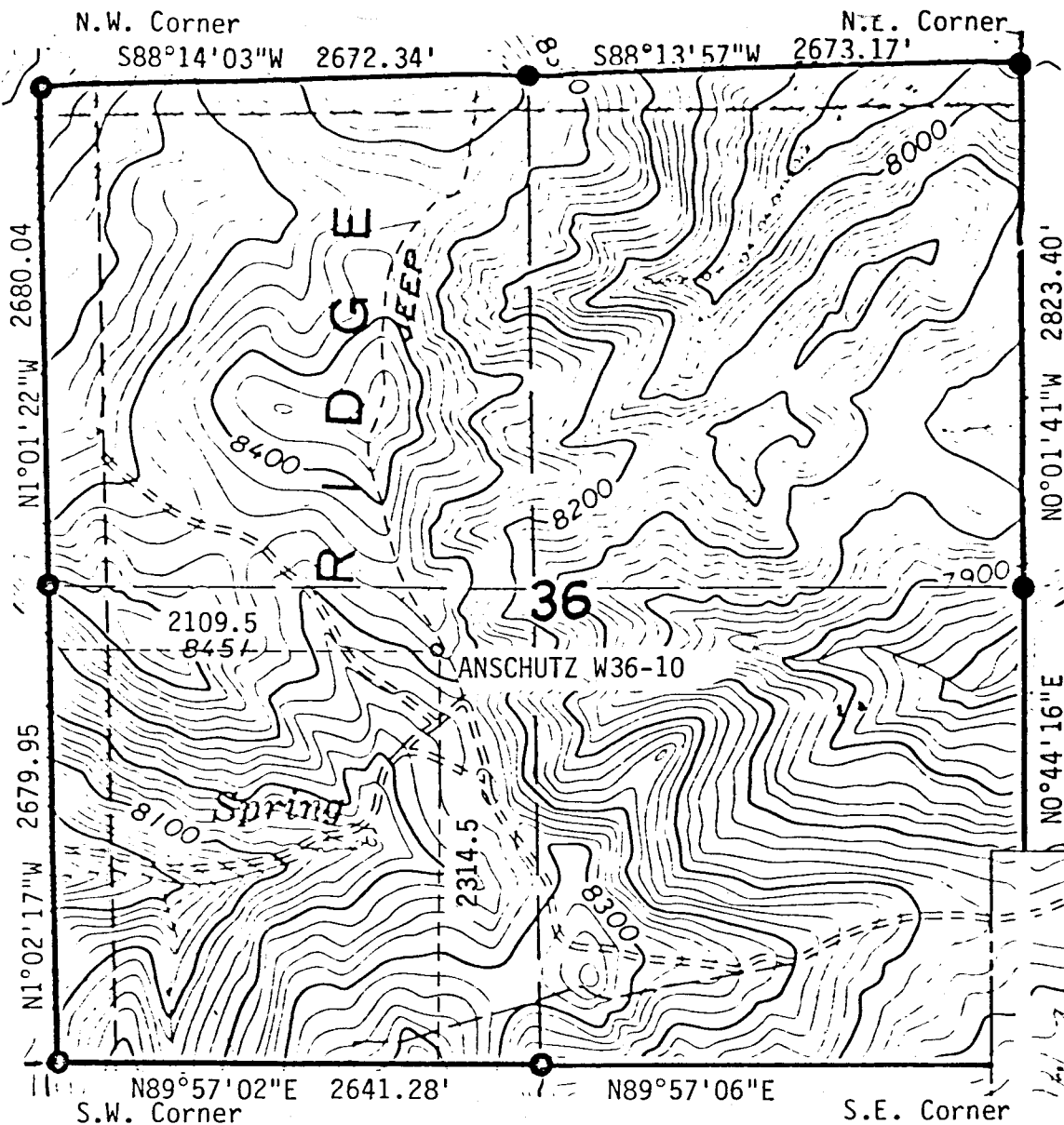
Title

Date

Conditions of approval, if any:

*See Instructions On Reverse Side

Section 36, Township 4 North, Range 7 East



GRID
NORTH

● 3" ALUMINUM
CAP

○ HUB & TACK

THETA ANGLE
AT S.W.
CORNER

+00°15'19"

SCALE:
1" = 1000'

I, Loyal D. Olson III of Evanston, Wyoming, do hereby certify that in
accordance with a request from Jon Jensen of Evanston, Wyoming

ATTACHMENT TO FORM OGC-1a

Anschutz Ranch East 36-10

1) Geologic name of the surface formation: Tertiary

2) Estimated tops of geological markers:

Fault	6520
Gannett	7720
Preuss	10420
Salt	11420
Twin Creek	12470
Nugget	14070

3) Casing Program: See Form OGC-1a, Item #23

4) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report. After running surface casing and prior to drilling out, the BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached schematic. Thereafter, the equipment will be tested in accordance with State/Federal requirements.

5) Mud Program:

0-4900	Spud Mud	Minimum properties to maintain stable well bore. Sweeps as necessary for adequate hole cleaning.
4900'-12570'	Sat Salt	Minimum properties to maintain stable wellbore.
12570'-14000'	Fresh Water	Sweeps as needed to clean hole
14000'-TD	LSND	Properties as needed to eliminate differential sticking.

6) Logging Program:

DIL-DLL-GR	Base of Salt to TD
BHC-Sonic-GR-Cal	Base of Surface Casing to TD
HDT-Cyberdip	Surface to TD
FDC-CNL-GR-CAL	Base of Salt to TD
Gyro Directional	Surface to TD

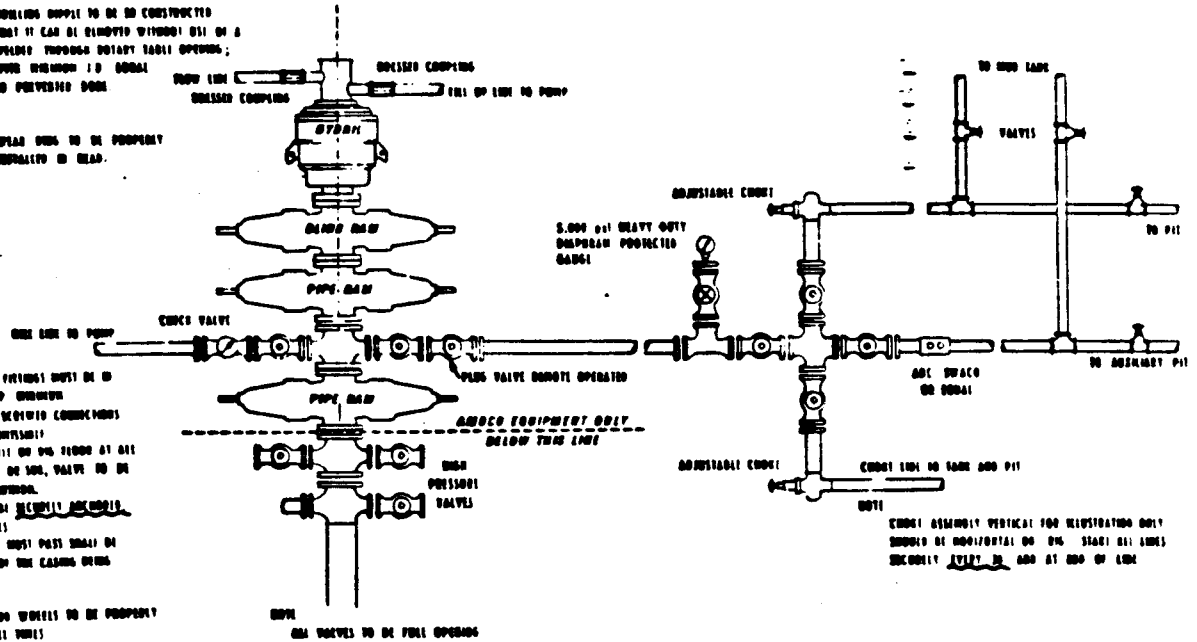
7) No abnormal pressures, temperatures, or hydrogen sulfide gas is anticipated.

EXHIBIT 80P-0000
MINIMUM BLOW-OUT PREVENTER REQUIREMENTS
5,000 psi W.P.

NOTE

- 1 BLOW-OUT PREVENTER TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER THROUGH READY TOGETHER OPENING; WELD THROUGH IS A GOOD TO PREVENTED BLOW

- 2 WELD JOINTS TO BE PROPERLY ORIENTED TO HEAD.



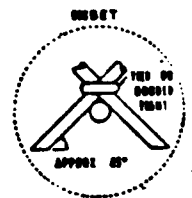
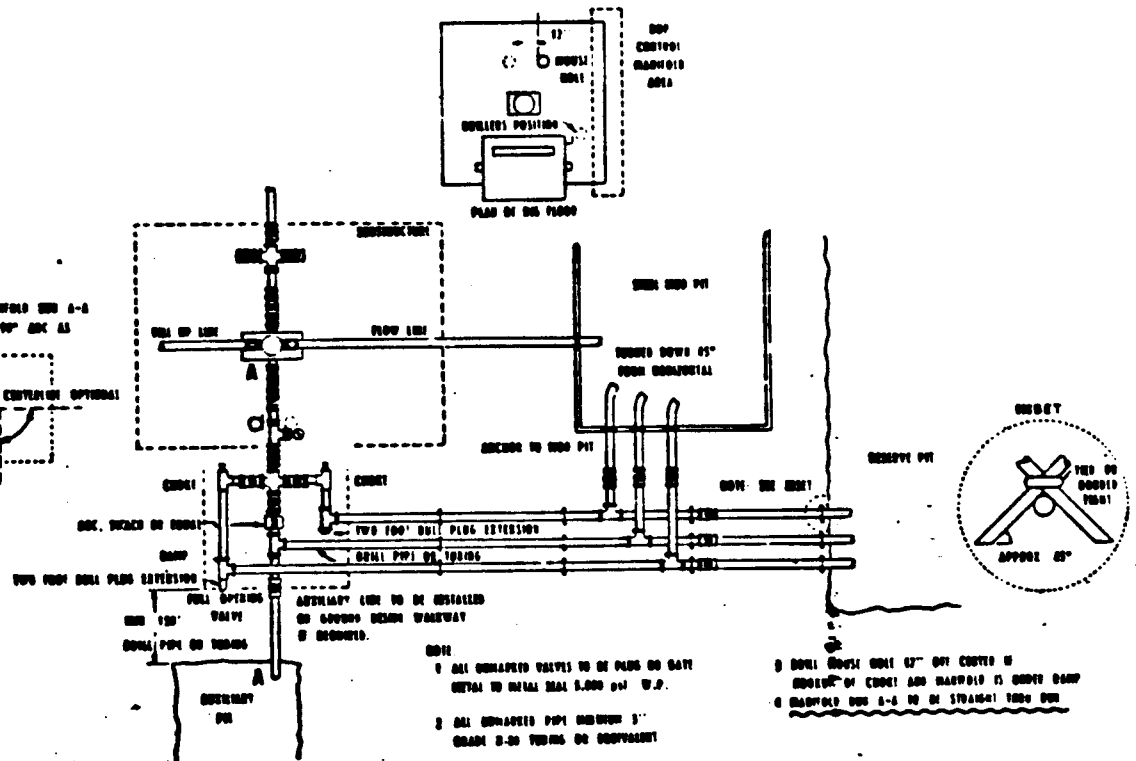
COUPLER ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY
 SHOULD BE HORIZONTAL ON THE START ALL LINES
 SECURELY TIGHTENED AND AT END OF LINE

NOTE

- 1 BLOW-OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION 5,000 psi W.P. MINIMUM
 - 2 ALL FITTINGS TO BE PLACED IN PROPER CONNECTIONS DOWNSTREAM FROM COUPLER POSITION
 - 3 SAFETY VALVE MUST BE AVAILABLE ON THE TANK AT ALL TIMES WITH PROPER CONNECTION TO TANK, VALVE TO BE FULLY OPEN 5,000 psi W.P. MINIMUM
 - 4 ALL COUPLER AND LINE TUBES TO BE SECURELY ASSEMBLED ESPECIALLY TIGHTENED COUPLER LINES
 - 5 EQUIPMENT THROUGH WORKER BY MUST PASS SHALL BE AS LARGE AS MINIMUM DIAMETER OF THE CASING BEING DRILLED THROUGH
 - 6 STEEL COCK ON BUILT
 - 7 EXTENSION WORKERS AND BANG WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES
 - 8 THE FLOOD BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO BOLLERS POSITION AS FEASIBLE
 - 9 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE 60 GALLON ACCUMULATOR TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION
- AND MEET ALL MADE SPECIFICATIONS

NOTE

- 1 DIRECTION OF HANDFOLD SEE A-A OPTIONAL WITHIN 90° AND AS SHOWN BELOW



Amoco Production Company
STANDARD ASSEMBLY FOR FLUID
OPERATED TRIPLE BLOW-OUT PREVENTER
5,000 psi W.P.

② = Shows permanent production equipment to be installed after drilling rig has moved out.

--= Dotted lines indicated perimeter of leveled location.

The fenced pit used for production will be covered if any fluid is present. The drilling and production pads will be constructed with dozers and graders using native material.

TYPICAL
LOCATION
LAYOUT

AMOCO PRODUCTION COMPANY
P. O. Box 17675
SALT LAKE CITY, UTAH 84117

EXHIBIT "D"

OPERATOR AMOCO PRODUCTION CO DATE 4-15-82

WELL NAME ANSCHUTZ RANCH EAST UNIT # W36-10

SEC 12SW 36 T 4N R 7E COUNTY SUMMIT

43-043-30227
API NUMBER

FEE
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX

☐ HL

☐

☐ NID

☐ PI

☐

☐ MAP

☐

☐

PROCESSING COMMENTS:

ASR ✓

APPROVAL LETTER:

SPACING: ☒ A-3 ANSCHUTZ RANCH EAST
UNIT

☐ c-3-a _____
CAUSE NO. & DATE

☐ c-3-b

☐ c-3-c

SPECIAL LANGUAGE:

April 15, 1983

Amoco Production Company
P. O. Box 17675
Salt Lake City, Utah 84117

RE: Well No. Anschutz Ranch East #W36-10
NESW Sec. 36, T.4N, R.7E
2314.5 FSL, 2109.5 FWL
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30227.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829 Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2314.5 FSL & 2109.5 FWL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30227		9. WELL NO. W36-10
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8337.1GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Name</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is to request that a name change be approved for the subject well.

New name: Island Ranching E #4

JUL 26 1983
DIVISION OF
OIL, GAS, AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Larry L. Smith TITLE Staff Admin. Analyst (SG) DATE 7/27/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY DRAWER 829		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR EVANSTON, WY 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2314.5 FSL & 2109.5 FWL		8. FARM OR LEASE NAME Island Ranching "E"
14. PERMIT NO. 43-043-30227		9. WELL NO. #4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8337.1 GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Report of Operations ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

August 24, 1983

Spud Date: 8-19-83

Current TD: 2365' ±

Drilling Company: R. L. Manning #33

Drilling ahead in Tertiary formation with 17.5" Bit.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. J. Urban

TITLE

Staff Admin. Analyst (SG)

DATE

8-30-83

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Old: 2314.5' FSL & 2109.5' FWL New: 2374' FSL & 2092' FWL		8. FARM OR LEASE NAME Island Ranching "E"
14. PERMIT NO. 43-043-30227	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8337.1 GR	9. WELL NO. #4
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Location Change/Report of Operations X	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note the change in location as noted above.

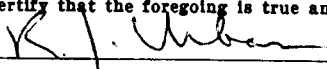
This well was spud 8-19-83.

Drilling Company: R. L. Manning #33

Current TD on 8-24-83 is 2365' with 17.5" Bit.

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE Staff Admin. Analyst (SG)

DATE 8-30-83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, Wyoming 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2092' FWL & 2374' FSL		8. FARM OR LEASE NAME Island Ranching E
14. PERMIT NO. 43-043-30227		9. WELL NO. #4
15. ELEVATIONS (Show whether OP, RT, GR, etc.) 8329 Graded Pad		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Report of Operations	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Sept. 15, 1983

Drilling Ahead, Total Depth 4677'

Drilling in Frontier Formation

Drilling contractor R.L. Manning 33

Spud Date 08-19-83



18. I hereby certify that the foregoing is true and correct

SIGNED Karyn L. Smith

TITLE Staff Admin Anaylist (SG)

DATE 9/22/83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 36, T4N, R7E
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		13. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

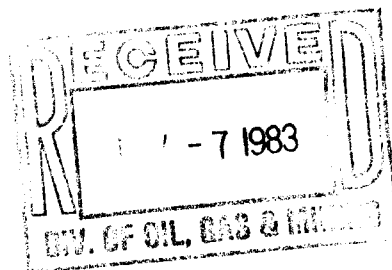
SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Bottomhole Target Location

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

The targeted Bottomhole Location is a 200' radius centered at a point located 2100' FWL & 1810' FSL of Sec. 36, T4N, R7E.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Staff Admint. Anal. (SG)

DATE

11/2/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on
reverse side)

2
M
Waters
J.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

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18. STATE Utah			

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

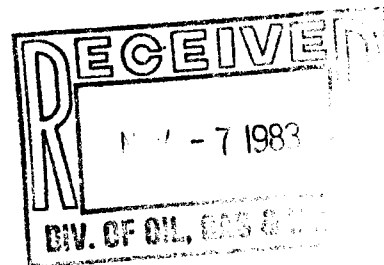
SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Report of Operations <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Date 10-22-83

Drilling Contractor - R. L. Manning 33
 Drilling ahead - total Depth 8,755'
 Spud Date 08-19-83
 Bit size 12-1/4"



18. I hereby certify that the foregoing is true and correct.

SIGNED *Larry Smith* TITLE Staff Administrative Analyst (SG) DATE 11/3/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on
reverse side)

7

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2092' FWL & 2374' FSL		8. FARM OR LEASE NAME Island Ranching E
14. PERMIT NO. 43-043-30227		9. WELL NO. #4
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8329 Graded Pad		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Report of Operations

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

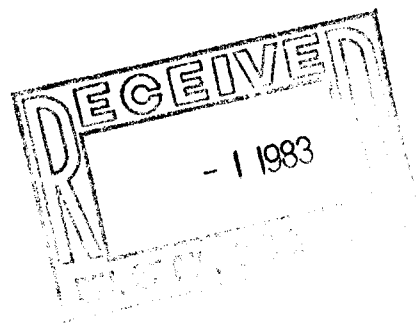
Date: 11-13-83

Drilling Contractor: R. L. Manning 33

Drilling ahead - total depth 11,063'

Spud: 08-19-83

Bit Size: 12-1/4"



18. I hereby certify that the foregoing is true and correct

SIGNED

Larry A. Smith

TITLE Staff Admin. Analyst (SG)

DATE

11/29/83

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee																								
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14. PERMIT NO. 43-043-30227		9. WELL NO. #4																								
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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E																								
<table border="0" style="width: 100%;"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) Report of Operation <input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> <td colspan="2">(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Report of Operation <input checked="" type="checkbox"/>		(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		12. COUNTY OR PARISH Summit
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																								
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																							
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																							
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																							
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Report of Operation <input checked="" type="checkbox"/>																								
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)																								
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		13. STATE Utah																								

Date: 12/29/83

Drilling Contractor: RL Manning 33

Total Depth: 12470'

RECEIVED
DEC 30 1983
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Henry L. Smith

TITLE Staff Admin. Analyst (SG)

DATE

12-30-83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DOUBLE "D" ENTERPRISES

State

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE)..... *12 - 27 - 83*

OIL CO.: *Amoco*

WELL NAME & NUMBER..... *Island Ranch E-4*

SECTION..... *36*

TOWNSHIP..... *4-N*

RANGE..... *7-E*

COUNTY..... *Summitt, Utah*

DRILLING CONTRACTOR..... *Manning 33*

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

DIVISION OF
OIL & GAS

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... *Ken Quance*

RIG TOOL PUSHER..... *Glen Bateman*

TESTED OUT OF..... *Evanston*

NOTIFIED PRIOR TO TEST: *Utah State*

COPIES OF THIS TEST REPORT SENT COPIES TO: *Utah Oil & Gas*

..... *Amoco Site Rep*

.....

.....

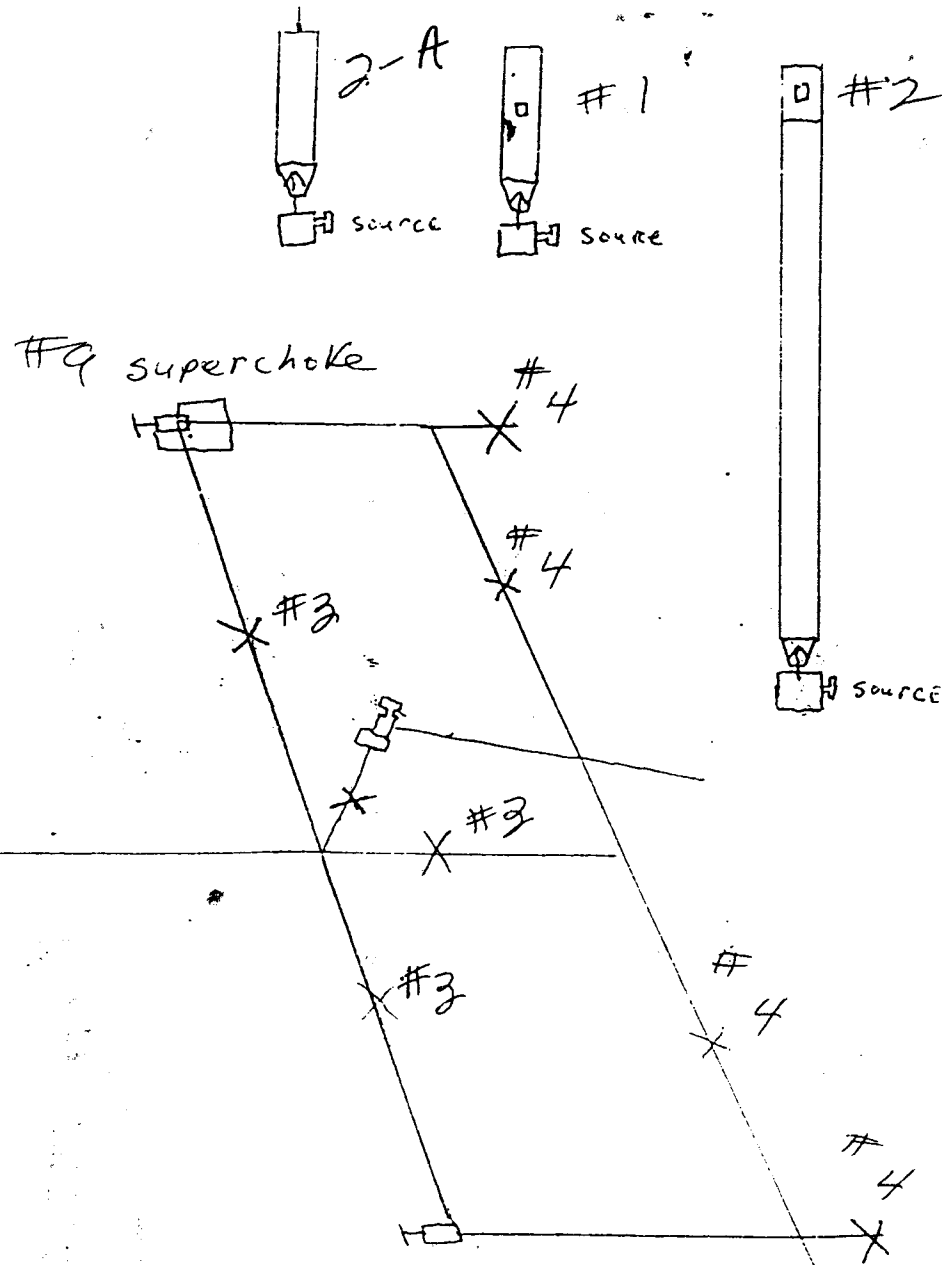
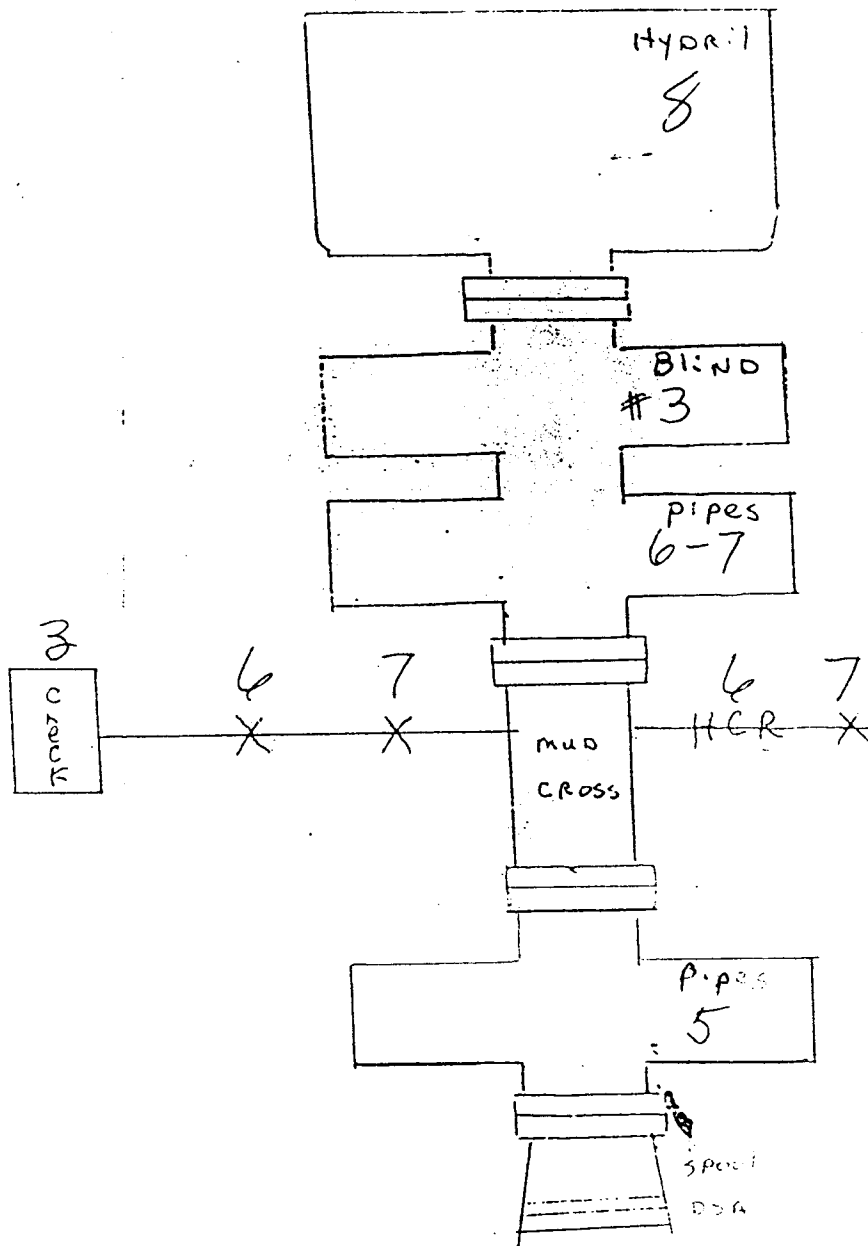
ORIGINAL CHART & TEST REPORT ON FILE AT: *Evanston* OFFICE

Time Explanation & TESTS . Explanation

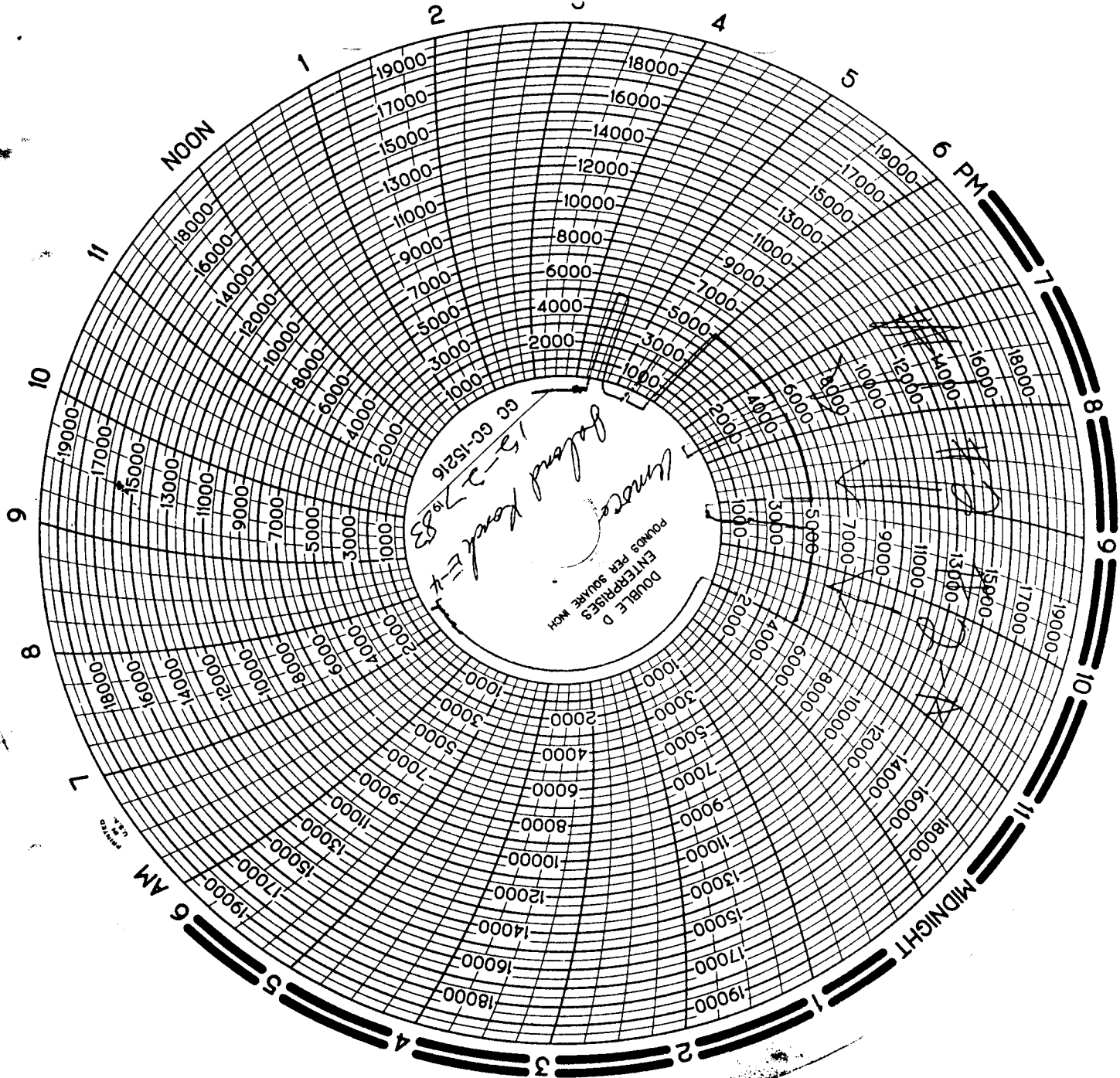
- 5 PM to 4 AM nipple-up
 4⁰⁰ AM Kelly-up Rig up tiw & Kelly
 SUB while hooking up Koomey
 lines Help Kelly-up & put in floor
 1. 4³⁰ - 4⁴⁵ tiw 5000 15 min OK
 2. 4⁴⁵ - 5⁰⁰ Upper Kelly 5000 15 min OK
 Help Kelly DOWN Rig up to test Dart
 5³⁰ - 5⁴⁵ Dart 5000 15 min OK
 5⁴⁵ - 6⁰⁰ Run Plug fill Stack tie into
 test Blinds
 Before we ran Plug we check to
 see if all lines ON BOP Hooked up
 right - OK
 3. 6⁰⁰ - 6¹⁵ Blinds 1st 3 manifold valves
 & check valve 5000 15 min OK
 4. 6¹⁵ to 7⁰⁰ Get Mouse Hole Out of snow
 test Back manifold valves 5000
 15 min OK
 5. 7⁰⁰ - 7¹⁵ lower pipes 5000 15 min OK
 6. 7¹⁵ - 7³⁰ Upper pipes 1st manual Kill
 valve & HCR 5000 15 min OK
 7. 7³⁰ - 7⁴⁵ manual choke line valve
 2nd Kill Valve 5000 15 min OK
 8. 7⁴⁵ - 8⁰⁰ Hydril & vertical manifold
 valve 5000 15 min OK
 8⁰⁰ - 8³⁰ Pull Plug Run & set wear
 ring Rig DOWN Plug Retriever & SUBS
 8³⁰ - 9⁰⁰ Fill manifold & choke line w/
 methanol
 #9 Super choke 5000 15 min Bled slow
 OK

Spool -up

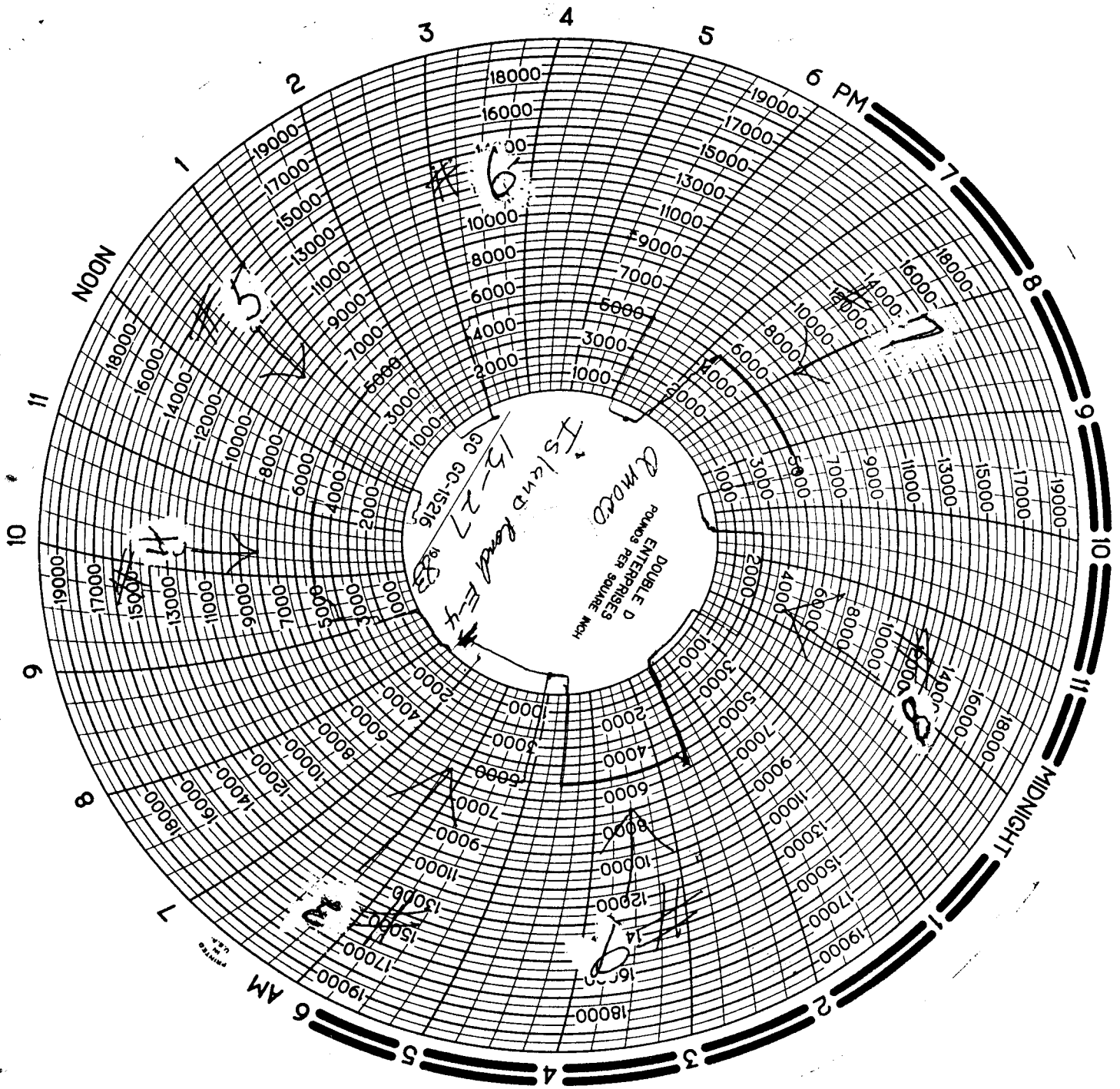
SECTION 25
 25-10-10-10



managing 4 35



RECEIVED
12-2-78



DIVISION OF
NAVY

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE).....10-2-83.....
OIL CO.:.....Amoco.....
WELL NAME & NUMBER.....Island Ranch E-4.....
SECTION.....36.....
TOWNSHIP.....4N.....
RANGE.....7E.....
COUNTY.....Summit UTAH.....
DRILLING CONTRACTOR.....M & S.....

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

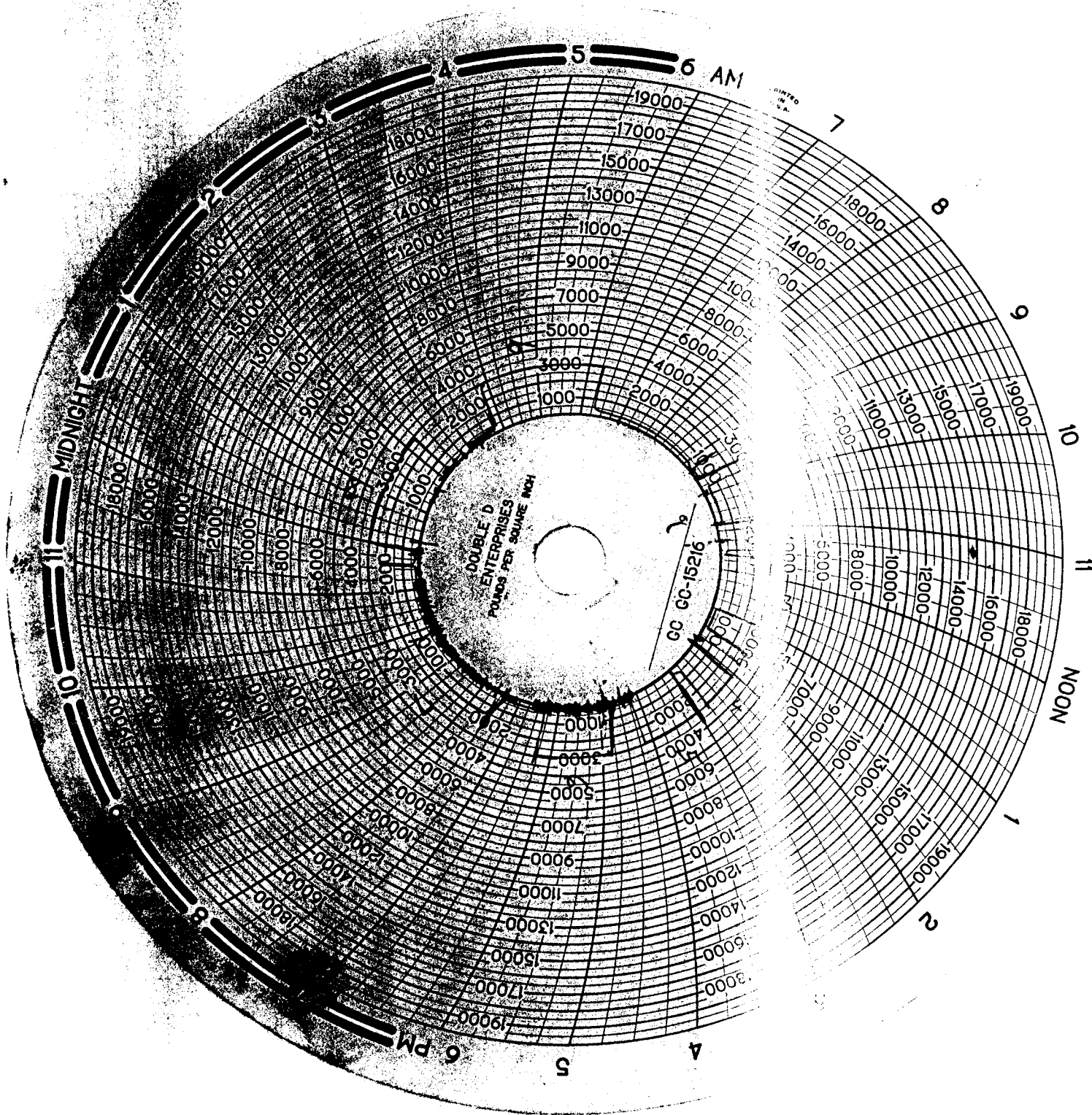
OIL CO. SITE REPRESENTATIVE.....Ken Quance.....
RIG TOOL PUSHHER.....Glenn.....
TESTED OUT OF.....Evanston.....

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Division of oil & Gas Commission.....

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston.....OFFICE

- 5:00 - 7:30 nipped up hooked up on many lines
- 7:30 - 8:00 worked all cams fix on lower pipes
- 1 8:10 look on row between double mud
cross tool pusher + duller not lifting that
this row set metal to metal lightening
- 2 8:45 - 8:53 look on packing nut
- 3 8:55 - 9:10 test on B blind cams, inside manual on kill
line, HCR valve on choke line
- 4 9:45 - 10:00 test lower pipe cams, T valve on top of
joint
- 5 10:05 - 10:20 test top pipe cams, second manual on
kill line, manual on choke line
- 6 10:20 - 10:35 test top pipe cams, choke valve,
vertical riser, 3 inside manual manifold
- 7 10:37 - 10:52 test Hydral, check valve inside manuals
on manifold
- 8 10:55 - 11:10 test outside 4 manuals manifold
- 9 11:15 - 11:30 test Upper Kelly
rigged up for setting in running
wrong threads on setting tool



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR <u>Amoco Production Company</u> 3. ADDRESS OF OPERATOR <u>P.O. Box 829, Evanston, Wyoming 82930</u> 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>2092' FWL & 2374' FSL</u> 14. PERMIT NO. <u>43-043-30227</u>		5. LEASE DESIGNATION AND SERIAL NO. Fee 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME <u>Anschutz Ranch East</u> 8. FARM OR LEASE NAME <u>Anschutz Ranch East</u> 9. WELL NO. <u>W36-10</u> 10. FIELD AND POOL, OR WILDCAT <u>Anschutz Ranch East</u> 11. SEC., T., R., OR BLK. AND SUBST OR AREA <u>Sec. 36, T4N, R7E</u> 12. COUNTY OR PARISH 13. STATE <u>Summit</u> <u>Utah</u>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>8329 Graded Pad</u>		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

Report of Operations ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well Name change

Old Name Island Ranching E#4

New Name Anschutz Ranch East W36-10

Date 1/28/84

Drilling Contractor RL Manning 33

Total Depth 15,025

Drilling ahead with an 8.5" bit.

18. I hereby certify that the foregoing is true and correct

SIGNED

Larry A. Smith

TITLE Staff Admin. Analyst (SG)

DATE 02-08-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



RECEIVED
MAR 1 1984

Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307-789-1700

T. G. Doss
District Superintendent

**DIVISION OF
OIL, GAS & MINING**

February 27, 1984

State of Utah
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, UT 84114

File: TGD-40-420.112/WF

RE: Logs for the Anschutz Ranch East 36-10 (Island Ranching E#4)

Please place attached logs in your Anschutz Ranch East (36-10) file. The well is located in Sec. 36, T4N, R7E, Summit County, Utah. Find enclosed:

<u>Log Name</u>	<u>Date</u>	<u>Copies</u>
1. Borehole Geometry Tool	12/12/83	1
2. Borehole Compensated Sonic Log	9/29/83	1
3. Compensated Neutron Formation Density	2/2/84	1
4. Dual Induction-SFL	2/2/84	1
5. Long Spaced Sonic (Pre-Processed)	2/4/84	1

If any further assistance is needed please call Russ Loveless
1-307-789-1700. Thank you.

T. G. Doss

T. G. Doss

RSL/sw

Attachments



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED

MAY 21 1984

DIVISION OF OIL
GAS & MINING

AMOCO PRODUCTION COMPANY
COMPANY

A.R.E. 36-10
WELL NAME

SUMMIT COUNTY, UTAH
LOCATION

JOB NUMBER
BM384 A1545

TYPE OF SURVEY
SEEKER GYRO

DATE
17-MAR-84

SURVEY BY
STEVE STURGEN

OFFICE
EVANSTON, WYOMING

AMOCO PRODUCTION COMPANY.
WELL NAME: A.R.E. 36-10 RIG: CHAPPARAL #1
LOCATION: SUMMIT COUNTY, UTAH
FILE NO: S.S. 2-2
RUN DATE: 17-MAR-84
JOB NUMBER: RM384A1545
TYPE: SEEKER GYRO
SURVEYOR: STEVE STURGEN
COMPUTER OPERATOR: STEVEN STURGEN
TOOL NUMBER: EW0110 LATITUDE: 41.250
EVANSTON, WYOMING

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

WELL NAME: A.R.E. 36-10 RIG: CHAPPARAL #1
 LOCATION: SUMMIT COUNTY, UTAH

TIME DATE
 00:57:50 17-MAR-84

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
0.	0 0	0 0	0.	0.00	0.00 0.00	0.00
100.	0 31	S 81 2 E	100.	100.00	0.07 S 0.46 E	0.53
200.	1 16	S 87 8 E	100.	199.99	0.23 S 2.02 E	0.75
300.	1 30	S 86 13 E	100.	299.96	0.37 S 4.43 E	0.23
400.	1 32	S 84 42 E	100.	399.92	0.58 S 7.07 E	0.05
500.	1 34	N 87 55 E	100.	499.88	0.66 S 9.78 E	0.20
600.	1 36	S 85 17 E	100.	599.85	0.72 S 12.54 E	0.19
700.	1 26	N 87 0 E	100.	699.81	0.76 S 15.21 E	0.27
800.	1 24	S 87 57 E	100.	799.78	0.74 S 17.69 E	0.13
900.	1 25	N 86 15 E	100.	899.75	0.70 S 20.19 E	0.14
1000.	1 18	N 83 41 E	100.	999.72	0.50 S 22.56 E	0.13
1100.	1 19	N 85 8 E	100.	1099.69	0.28 S 24.81 E	0.04
1200.	1 13	N 86 48 E	100.	1199.67	0.12 S 27.03 E	0.10
1300.	1 14	N 89 32 E	100.	1299.64	0.05 S 29.21 E	0.06
1400.	1 11	S 87 22 E	100.	1399.62	0.09 S 31.34 E	0.08
1500.	1 14	N 87 3 E	100.	1499.60	0.09 S 33.47 E	0.12
1600.	1 17	N 84 38 E	100.	1599.58	0.07 N 35.67 E	0.07
1700.	1 14	N 84 25 E	100.	1699.55	0.29 N 37.87 E	0.04
1800.	1 12	N 84 26 E	100.	1799.53	0.49 N 40.01 E	0.03
1900.	1 26	N 86 59 E	100.	1899.50	0.67 N 42.32 E	0.24
2000.	1 22	N 83 11 E	100.	1999.47	0.88 N 44.78 E	0.12
2100.	1 22	N 83 9 E	100.	2099.44	1.16 N 47.17 E	0.01
2200.	1 31	N 85 39 E	100.	2199.41	1.41 N 49.70 E	0.16
2300.	1 20	N 80 55 E	100.	2299.38	1.70 N 52.17 E	0.22
2400.	1 17	N 82 15 E	100.	2399.35	2.04 N 54.44 E	0.05
2500.	1 6	N 85 25 E	100.	2499.33	2.26 N 56.53 E	0.19
2600.	1 8	S 87 41 E	100.	2599.31	2.30 N 58.51 E	0.14
2700.	1 6	S 81 19 E	100.	2699.29	2.11 N 60.46 E	0.13
2800.	1 14	S 80 47 E	100.	2799.27	1.80 N 62.49 E	0.13
2900.	0 49	S 55 12 E	100.	2899.25	1.13 N 64.15 E	0.62

WELL NAME: A.R.E. 36-10 RIG: CHAFFARAL #1
 LOCATION: SUMMIT COUNTY, UTAH

TIME: 00:57:50
 DATE: 17-MAR-84

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
3000.	0 45	S 67 5 E	100.	2999.24	0.46 N 65.35 E	0.17
3100.	0 27	S 39 8 E	100.	3099.24	0.17 S 66.20 E	0.41
3200.	0 16	S 15 52 W	100.	3199.23	0.78 S 66.32 E	0.38
3300.	0 18	S 39 36 W	100.	3299.23	1.23 S 66.08 E	0.12
3400.	0 33	S 66 54 W	100.	3399.23	1.68 S 65.48 E	0.32
3500.	0 37	S 57 13 W	100.	3499.22	2.16 S 64.57 E	0.11
3600.	0 37	S 50 26 W	100.	3599.22	4.77 S 61.01 E	0.07
3700.	0 38	S 60 16 W	100.	3699.22	5.37 S 60.13 E	0.11
3800.	0 41	S 56 0 W	100.	3799.21	5.98 S 59.16 E	0.07
3900.	0 40	S 55 27 W	100.	3899.21	6.66 S 58.17 E	0.01
4000.	0 6	N 71 16 W	100.	3999.20	6.75 S 57.51 E	0.61
4100.	0 17	S 71 32 E	100.	4099.20	6.54 S 57.58 E	0.40
4200.	1 35	S 47 29 E	100.	4199.19	7.36 S 58.99 E	1.33
4300.	2 20	S 60 26 E	100.	4299.13	9.38 S 61.75 E	0.86
4400.	3 27	S 66 24 E	100.	4399.00	11.63 S 66.27 E	1.16
4500.	4 40	S 69 40 E	100.	4498.74	14.28 S 72.84 E	1.24
4600.	5 4	S 68 54 E	100.	4598.38	17.29 S 80.78 E	0.40
4700.	5 13	S 64 2 E	100.	4697.98	20.87 S 89.00 E	0.46
4800.	5 16	S 65 59 E	100.	4797.56	24.73 S 97.30 E	0.19
4900.	5 44	S 63 53 E	100.	4897.10	28.80 S 105.99 E	0.51
5000.	6 43	S 64 35 E	100.	4996.51	33.51 S 115.76 E	0.98
5100.	7 37	S 67 43 E	100.	5095.72	38.56 S 127.18 E	0.99
5200.	7 50	S 70 12 E	100.	5194.81	43.39 S 139.74 E	0.40
5300.	8 36	S 70 50 E	100.	5293.78	48.16 S 153.23 E	0.77
5400.	9 58	S 72 56 E	100.	5392.47	53.18 S 168.58 E	1.41
5500.	10 35	S 71 40 E	100.	5490.86	58.61 S 185.59 E	0.66
5600.	10 41	S 73 24 E	100.	5589.14	64.15 S 203.21 E	0.33
5700.	10 28	S 72 32 E	100.	5687.44	69.53 S 220.77 E	0.27
5800.	10 22	S 73 13 E	100.	5785.79	74.85 S 238.06 E	0.16
5900.	10 32	S 73 51 E	100.	5884.13	79.99 S 255.46 E	0.21

WELL NAME: A.R.E. 36-10 RIG: CHAPPARAL #1
LOCATION: SUMMIT COUNTY, UTAH

TIME: DATE
00:57:50 17-MAR-84

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
END OF SEEKER 04-OCT-83. START OF SEEKER 17-MAR-84						
6000.	9 39	S 68 55 E	100.	5982.58	85.59 S 272.07 E	1.23
6100.	9 35	S 68 53 E	100.	6081.17	91.61 S 287.69 E	0.07
6200.	9 37	S 69 48 E	100.	6179.76	97.50 S 303.32 E	0.16
6300.	9 40	S 70 17 E	100.	6278.35	103.21 S 319.06 E	0.09
6400.	9 28	S 70 10 E	100.	6376.95	108.84 S 334.72 E	0.19
6500.	9 4	S 70 45 E	100.	6475.65	114.23 S 349.92 E	0.42
6600.	8 50	S 69 12 E	100.	6574.42	119.56 S 364.55 E	0.34
6700.	9 5	S 69 2 E	100.	6673.20	125.11 S 379.10 E	0.25
6800.	10 4	S 70 47 E	100.	6771.81	130.82 S 394.73 E	1.03
6900.	10 45	S 72 15 E	100.	6870.16	136.54 S 411.87 E	0.73
7000.	11 3	S 70 43 E	100.	6968.36	142.55 S 429.81 E	0.42
7100.	11 0	S 70 49 E	100.	7066.51	148.85 S 447.88 E	0.06
7200.	10 49	S 70 11 E	100.	7164.70	155.17 S 465.72 E	0.22
7300.	10 24	S 71 1 E	100.	7262.99	161.28 S 483.10 E	0.44
7400.	9 57	S 71 5 E	100.	7361.41	167.02 S 499.82 E	0.46
7500.	9 35	S 71 41 E	100.	7459.96	172.44 S 515.91 E	0.38
7600.	9 21	S 70 38 E	100.	7558.60	177.75 S 531.48 E	0.29
7700.	9 3	S 71 30 E	100.	7657.31	182.94 S 546.61 E	0.33
7800.	8 32	S 72 41 E	100.	7756.13	187.64 S 561.17 E	0.54
7900.	8 13	S 71 25 E	100.	7855.06	192.13 S 575.04 E	0.37
8000.	8 0	S 73 28 E	100.	7954.06	196.39 S 588.51 E	0.36
8100.	7 36	S 72 30 E	100.	8053.13	200.37 S 601.51 E	0.42
8200.	7 46	S 73 3 E	100.	8152.23	204.33 S 614.30 E	0.18
8300.	7 56	S 71 18 E	100.	8251.29	208.51 S 627.33 E	0.29
8400.	7 55	S 69 52 E	100.	8350.33	213.12 S 640.39 E	0.20
8500.	7 51	S 69 18 E	100.	8449.38	217.90 S 653.26 E	0.11
8600.	7 55	S 70 11 E	100.	8548.44	222.65 S 666.14 E	0.14
8700.	7 55	S 69 37 E	100.	8647.50	227.39 S 679.09 E	0.08

WELL NAME: A.R.E. 36-10 RIG: CHAPARRAL #1
LOCATION: SUMMIT COUNTY, UTAH

TIME: DATE
00:57:50 17-MAR-84

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
8800.	7 33	S 70 47 E	100.	8746.59	231.95 S 691.77 E	0.39
8900.	7 24	S 71 27 E	100.	8845.74	236.17 S 704.10 E	0.18
9000.	6 54	S 74 9 E	100.	8944.96	239.85 S 716.00 E	0.60
9100.	6 49	S 71 13 E	100.	9044.24	243.41 S 727.42 E	0.36
9200.	7 3	S 70 3 E	100.	9143.50	247.42 S 738.82 E	0.27
9300.	6 59	S 70 2 E	100.	9242.75	251.58 S 750.30 E	0.07
9400.	7 11	S 71 34 E	100.	9341.99	255.64 S 761.95 E	0.28
9500.	7 2	S 72 48 E	100.	9441.22	259.42 S 773.74 E	0.21
9600.	6 50	S 70 10 E	100.	9540.49	263.26 S 785.19 E	0.38
9700.	6 15	S 72 21 E	100.	9639.84	266.92 S 795.99 E	0.63
9800.	5 58	S 73 24 E	100.	9739.27	270.06 S 806.17 E	0.31
9900.	6 5	S 72 49 E	100.	9838.71	273.11 S 816.22 E	0.13
10000.	5 26	S 77 39 E	100.	9938.21	275.67 S 825.94 E	0.80
10100.	5 19	S 78 4 E	100.	10037.77	277.64 S 835.11 E	0.13
10200.	3 52	S 83 48 E	100.	10137.44	278.90 S 843.03 E	1.51
10300.	4 14	S 87 44 E	100.	10237.19	279.42 S 850.09 E	0.46
10400.	4 1	S 89 24 E	100.	10336.93	279.60 S 857.31 E	0.25
10500.	3 32	N 86 25 E	100.	10436.71	279.43 S 863.90 E	0.56
10600.	3 27	N 84 45 E	100.	10536.52	278.96 S 869.98 E	0.13
10700.	3 37	N 82 55 E	100.	10636.33	278.30 S 876.12 E	0.21
10800.	3 13	N 83 18 E	100.	10736.16	277.58 S 882.05 E	0.40
10900.	2 53	N 72 39 E	100.	10836.01	276.47 S 887.27 E	0.65
11000.	2 42	N 68 58 E	100.	10935.89	274.86 S 891.89 E	0.26
11100.	2 11	N 61 46 E	100.	11035.80	273.08 S 895.79 E	0.60
11200.	2 2	N 66 8 E	100.	11135.73	271.45 S 899.11 E	0.22
11300.	2 14	N 62 34 E	100.	11235.66	269.84 S 902.47 E	0.23
11400.	2 0	N 70 43 E	100.	11335.59	268.37 S 905.87 E	0.38
11500.	1 44	N 71 30 E	100.	11435.54	267.31 S 908.97 E	0.27
11600.	1 56	N 75 1 E	100.	11535.49	266.39 S 912.05 E	0.23
11700.	1 36	N 75 58 E	100.	11635.44	265.61 S 915.06 E	0.34

WELL NAME: A.R.E. 36-10 RIG: CHAPPARAL #1
LOCATION: SUMMIT COUNTY, UTAH

TIME: DATE
00:57:50 17-MAR-84

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
11800.	1 57	N 64 31 E	100.	11735.39	264.56 S 917.98 E	0.50
11900.	2 4	N 62 46 E	100.	11835.33	263.00 S 921.13 E	0.13
12000.	2 9	N 52 56 E	100.	11935.26	261.04 S 924.25 E	0.37
12100.	2 2	N 54 41 E	100.	12035.20	258.88 S 927.21 E	0.13
12200.	2 38	N 44 55 E	100.	12135.11	256.25 S 930.32 E	0.71
12300.	2 39	N 38 3 E	100.	12235.01	252.78 S 933.38 E	0.32
12400.	2 26	N 60 46 E	100.	12334.91	249.91 S 936.74 E	1.03
12500.	2 51	N 80 6 E	100.	12434.80	248.37 S 941.07 E	0.99
12600.	4 7	N 89 42 E	100.	12534.61	247.83 S 942.14 E	1.38
12700.	5 51	S 77 42 E	100.	12634.23	248.73 S 955.78 E	2.04
12800.	7 22	S 68 53 E	100.	12733.56	252.04 S 966.80 E	1.81
12900.	9 49	S 63 51 E	100.	12832.43	258.03 S 980.49 E	2.57
13000.	11 26	S 62 46 E	100.	12930.71	266.32 S 996.98 E	1.63
13100.	12 45	S 59 25 E	100.	13028.48	276.45 S 1015.34 E	1.49
13200.	14 45	S 57 35 E	100.	13125.60	288.88 S 1035.62 E	2.05
13300.	16 55	S 54 19 E	100.	13221.80	304.16 S 1058.25 E	2.34
13400.	18 0	S 54 21 E	100.	13317.18	321.66 S 1082.63 E	1.08
13500.	18 24	S 53 28 E	100.	13412.17	340.06 S 1107.89 E	0.48
13600.	19 9	S 53 57 E	100.	13506.85	359.12 S 1133.84 E	0.77
13700.	20 32	S 52 30 E	100.	13600.91	379.44 S 1161.03 E	1.47
13800.	20 56	S 51 57 E	100.	13694.42	401.13 S 1189.04 E	0.45
13900.	21 14	S 51 56 E	100.	13787.72	423.30 S 1217.40 E	0.29
14000.	21 8	S 51 21 E	100.	13880.96	445.73 S 1245.75 E	0.23
14100.	21 40	S 51 33 E	100.	13974.06	468.47 S 1274.30 E	0.54
14200.	20 3	S 46 22 E	100.	14067.49	491.85 S 1301.17 E	2.46
14300.	18 33	S 45 17 E	100.	14161.87	514.88 S 1324.88 E	1.54
14400.	17 27	S 41 12 E	100.	14256.97	537.39 S 1346.05 E	1.68
14500.	16 39	S 38 32 E	100.	14352.57	559.90 S 1364.86 E	1.11
14600.	15 54	S 40 10 E	100.	14448.56	581.58 S 1382.64 E	0.87
14700.	16 7	S 41 31 E	100.	14544.67	602.46 S 1400.69 E	0.43

WELL NAME: A.R.E. 36-10 RIG: CHAPPARAL #1
LOCATION: SUMMIT COUNTY, UTAH

TIME: DATE
00:57:50 17-MAR-84

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET	DOGLEG SEVERITY DG/100FT
14800.	16 53	S 41 2 E	100.	14640.55	623.82 S 1419.44 E	0.78

FINAL CLOSURE - DIRECTION: S 66 DEGS 17 MINS E
DISTANCE: 1550.48 FEET

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR						RECEIVED MAY 21 1984 DIVISION OF OIL GAS & MINING									
Amoco Production Company															
3. ADDRESS OF OPERATOR															
P.O. Box 829 Evanston, Wyoming 32930															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)															
✓ At surface															
✓ At top prod. interval reported below															
At 2315' FSL & 3185' FEL Sec. 36, T4N, R8E															
At 2830' FSL & 4513' FEL Sec. 36, T4N, R8E															
2939' FSL & 4604' FEL															
14. PERMIT NO.						DATE ISSUED									
43-043-30227															
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
8/19/83		2/1/84		5/12/84		8357 KB		8337 G.L.							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS							
15198 M.D. 15038 TVD		14812 MD 14653				surface to TD									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE							
Nugget Sandstone: 14364-14632 M.D. 14223-14479 T.V.D.								sfc to 14800							
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORRED							
FDC-CNL, BHC, DIL, Dipmeter, CBL, PL								No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13 3/8"		68/61/72		5939		17 1/2"		6000 SX		None					
10 5/8, 9 5/8		101.4/53.5/47		12437		12 1/4"		1450 SX		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
7		Surface		15198		390				3 1/2"		14171		14171	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
14364 - 14426 14446 - 14505 14520 - 14632										All 4JSPF		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
3/20/84		Flowing						Producing							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
4/30/84		24		58/64		2231		2231		8870		0		3976	
FLOW. TUBING PRES.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
1600		0		2231		2231		8870		0		45			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
Reinjected for prpressure maintenance															
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED		TITLE						DATE							
C. B. Blum		District Drilling Engineer						05/784							

*(See Instructions and Spaces for Additional Data on Reverse Side)



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 23, 1984

Amoco Production Company
Attn: J. S. Saye
P O Box 829
Evanston, Wyoming 82930

RE: Delinquent Monthly Reports
List of wells attached
April 1984 & May 1984

Dear Mr. Saye:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month every month until the well is completed. This report may be filed on Form OGC-1b, "Sundry Notices and Reports on Wells". We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script, reading "Claudia Jones".

Claudia Jones
Well Records Specialist

CLJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM
Ronald J. Firth, DOGM

Well No. Champlin 185 A#1
API #43-043-30188
Sec. 1, T. 3N, R. 7E.
Summit County, Utah

Well No. Thousand Peaks Ranches E#1
API #43-043-30241
Sec. 18, T. 3N, R. 8E.
Summit County, Utah

Well No. Champlin 187 A#1
API #43-043-30245
Sec. 25, T. 4N, R. 7E.
Summit County, Utah

Well No. Anschutz Ranch East W36-10
API #43-043-30227
Sec. 36, T. 4N, R. 7E.
Summit County, Utah

Well No. Island Ranching E#3 (W36-14)
API #43-043-30255
Sec. 36, T. 4N, R. 7E.
Summit County, Utah

Well No. Anschutz Ranch East W20-04
API #43-043-30238
Sec. 20, T. 4N, R. 8E.
Summit County, Utah

Well No. Anschutz Ranch East W30-12A
API #43-043-30230
Sec. 30, T. 4N, R. 8E.
Summit County, Utah



Amoco Production Company

Northern Division
1700 Lincoln
Post Office Box 800
Denver, Colorado 80201
303-830-4040

Steve W. Souders
Division Production Manager

September 12, 1984

Utah Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, UT 84114

Attention: Claudia Jones

File: DFK-940-416

Reclassifying Anschutz Ranch East
Unit Wells from Gas to Oil

RECEIVED

SEP 17 1984

**DIVISION OF OIL
GAS & MINING**

In the past, Amoco Production Company has classified all of its producing wells in the Anschutz Ranch East Unit as gas wells on the State completion reports. The classification was made in accordance with the State of Utah definition of a gas well wherein condensate production was considered the product of a gas well. Under 40-6-2 of the Utah Conservation Senate Bill No. 157, the definition was changed as follows:

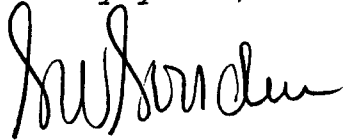
- (6) "oil" means crude oil or condensate or any mixture thereof defined as follows:
 - (b) "condensate" means those hydrocarbons, regardless of gravity, that occur naturally in the gaseous phase in the reservoir that are separated from the natural gas as liquids through the process of condensation either in the reservoir, in the wellbore or at the surface in field separators.

In consideration of the above definition, we hereby reclassify all wells (as shown on Attachment No. 1) from

Utah Division of Oil, Gas, and Mining
September 12, 1984
Page 2

gas to oil. Would you please note these changes in your well files.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "SDE/jwu", written in black ink.

SDE/jwu

Attachment

LTR119

Mobil Oil Corporation

P O BOX 5444
DENVER, COLORADO 80217

Denver E&P Division
September 13, 1984

RECEIVED

SEP 19 1984

**DIVISION OF OIL
GAS & MINING**

State of Utah
Department of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Diane Nielson

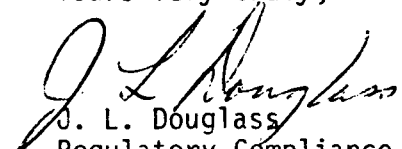
CLASSIFICATION OF WELLS:
ANSCHUTZ RANCH EAST UNIT
EAST PARTICIPATING AREA

Gentlemen:

There has been some question as to whether wells located in the captioned area are classified as oil or gas wells.

Please be so kind as to clarify the position of the Utah Department of Oil, Gas and Mining regarding this matter.

Yours very truly,


J. L. Douglass
Regulatory Compliance Manager

SEHunt:270:slr

cc RS Firth
JR Bazz



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 24, 1984

Mr. Steve Souders
Amoco Production Company
P.O. Box 800
Denver, Colorado 80201

COPY

Dear Mr. Souders:

Re: Reclassification of Anschutz Ranch East Unit Wells from Gas to Oil.

In reference to your recent letter requesting reclassification of gas wells to oil wells, it is the opinion of Division staff that such action cannot be allowed by either regulation or statute. Therefore, the requested changes to the well records will not be made unless the Board of Oil, Gas and Mining determines otherwise.

We concur with the definition stated in your letter which considers crude oil, condensate or any mixture thereof as an "oil". However, the classification of a well as oil or gas depends on the predominant fluid produced from the well. Based on recent production reports received from your company, wells in the Anschutz Ranch East Unit produce predominantly gas with associated condensate or oil. Additionally, the Anschutz Ranch East Nugget reservoir has been described as a retrograde gas reservoir in various reports and hearings before the Board of Oil, Gas and Mining. Because the formation of condensate in such a reservoir is damaging, it seems illogical to describe this reservoir as an oil reservoir or to classify wells producing from this reservoir as oil wells.

The Division is currently revising the state rules and regulations for oil and gas operations based on the passage of SB 157 in 1983. The revision will include definitions of oil and gas wells which will probably be based on producing GOR. The guideline which is currently used for classifying oil and gas wells is that any well producing at a GOR greater than 10000:1 should be designated as a gas producing well. Using this guideline, the wells in the Anschutz Ranch East Unit are considered gas wells.

Page 2
Amoco Production Company
September 24, 1984

If the producing conditions change in any of the referenced wells and the change qualifies them for reclassification, the Division would be happy to make that determination. Please let us know if we can be of further assistance.

Sincerely,

Original Signed by John R. Baza

John R. Baza
Petroleum Engineer

cc: Mobil Oil Corp. Attn: J.L. Douglass
D.R. Nielson
R.J. Firth

SUBMIT IN D ICAE*
(See other instructions
on reverse side)

56 64 01

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

3. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W36-10

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

11. SEC. T. R. OR BLOCK AND ACRES
OR AREA

Sec. 36, T4N, R7E

12. COUNTY OR
PARISH
Summit13. STATE
Utah

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2315' FSL & 3185' FEL

At top prod. interval reported below
2108' FEL & 2302' FSL

At total depth

1763' FEL & 1693' FSL

14. PERMIT NO.

DATE ISSUED

12. DATE SPUDDED

8/19/83

16. DATE T.D. REACHED

2/1/84

17. DATE COMPL. (Ready to prod.)

5/12/84

18. ELEVATION (OF, BSE, TO, GR, ETC.)*

8357' KB

19. ELEV. Casinghead

8337' GL

20. TOTAL DEPTH, MD & TVD

15198' MD 15038' TVD

21. PLUG, BACK T.D., MD & TVD

14812' MD 14653' TVD

22. IF MULTIPLE COMPL.,
HOW MANY*

TVD

23. INTERVALS
DRILLED BY

ROTARY TOOLS

sfc to TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

14364' - 14632' MD

Nugget Sandstone

14223' - 14479' TVD

25. WAS DIAPHRAGM
SURVEY MADE?

sfc to 14800'

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC-CNL, BHC, DIL, Dipmeter, CBL PL

27. WAS WELL CORRECTION

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PUMPED
13 3/8"	68, 61, 72	5939'	17 1/2"	6000 sx	None
10 5/8", 9 5/8"	101.4, 53.5	12427'	12 1/4"	1450 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	SACKS CEMENT
7"	surface	15198'	390		3 1/2"	14171'	14171'

31. PERFORATION RECORD (Interval, size and number)

14364'-14426'

14446'-14505'

14520'-14632'

All 4JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—cable and type of pump)					WELL STATUS (Producing or shut-in)	
3/20/84		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
4/30/84	20	58/64	→	2231	8870	0	3976	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
1600	0	→	2231	8870	0	45		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

Re-injected for pressure maintenance

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Vern E. Pater

TITLE

District Engineer

DATE

9/4/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

<u>Well Name</u> (Anschutz Ranch East Unit #)	<u>Formerly</u>	<u>Location</u> (Summit County, Utah)	<u>API#</u>
W 16-06	Bountiful Livestock #1A	NE/4 Sec. 16 T4N R8E	43-043-30138
W 16-12	---	SW/4 Sec. 16 T4N R8E	43-043-30231
W 17-16	Champlin 458 G #1	SE/4 Sec. 17 T4N R8E	43-043-30176
W 19-16	Champlin 458 H #1	SE/4 Sec. 19 T4N R8E	43-043-30215
W 20-02	---	NE/4 Sec. 20 T4N R8E	43-043-30228
W 21-04	Champlin 458 F #1	NW/4 Sec. 21 T4N R8E	43-043-30135
E 21-14	Champlin 458 F #2	SW/4 Sec. 21 T4N R8E	43-043-30130
W 29-04	Champlin 458 Amoco D #1	NW/4 Sec. 29 T4N R8E	43-043-30129
W 29-06A	---	NW/4 Sec. 29 T4N R8E	43-043-30219
W 29-14A	---	SW/4 Sec. 29 T4N R8E	43-043-30251
W 30-10	---	SE/4 Sec. 30 T4N R8E	43-043-30215
W 31-04	Champlin 458 E #2	NW/4 Sec. 31 T4N R8E	43-043-30165
W 31-06	Champlin 458 E #6	NW/4 Sec. 31 T4N R8E	43-043-30217
W 31-08	Champlin 458 E #1	NE/4 Sec. 31 T4N R8E	43-043-30164
W 31-12	Champlin 458 E #3	SW/4 Sec. 31 T4N R8E	43-043-30190
W 32-04	---	NW/4 Sec. 32 T4N R8E	43-043-30162
W 36-10	---	SE/4 Sec. 36 T4N R8E	43-043-30227
W 36-16	Island Ranching E #1	SE/4 Sec. 36 T4N R8E	43-043-30157

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Anschutz Ranch East

8. FARM OR LEASE NAME

Anschutz Ranch East

9. WELL NO.

W36-10

10. FIELD AND POOL, OR WILDCAT

Anschutz Ranch East

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 36, T4N, R7E

12. COUNTY OR
PARISH
Summit

13. STATE

Utah

1a. TYPE OF WELL:

OIL

WELL ☐

GAS

WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW

WELL ☒

WORK

OVER ☐

DEEP-

EN ☐

PLUG

BACK ☐

DIFF.

RESVR. ☐

Other

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)*

At surface 2315' FSL & 3185' FEL

At top prod. interval reported below

2108' FEL & 2302' FSL

At total depth

1763' FEL & 1693' FSL

14. PERMIT NO.

DATE ISSUED

43-043-30227 14-15-83

15. DATE SPUDDED

8/19/83

16. DATE T.D. REACHED

2/1/84

17. DATE COMPL. (Ready to prod.)

5/12/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

8357' KB

19. ELEV. CASINGHEAD

8337' GL

20. TOTAL DEPTH, MD & TVD

15198' MD 15038' TVD

21. PLUG, BACK T.D., MD & TVD

14812' MD 14653' TVD

22. IF MULTIPLE COMPL.,
HOW MANY*

TVD

23. INTERVALS
DRILLED BY

ROTARY TOOLS

sfc to TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

14364' - 14632' MD

Nugget Sandstone

14223' - 14479' TVD

25. WAS DIRECTIONAL
SURVEY MADE

sfc to 14800'

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC-CNL, BHC, DIL, Dipmeter, CBL PL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68, 61, 72	5939'	17 1/2"	6000 sx	None
10 5/8", 9 5/8"	101.4, 53.5	12437'	12 1/4"	1450 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	surface	15198'	390		3 1/2"	14171'	14171'

31. PERFORATION RECORD (Interval, size and number)

14364'-14426'

14446'-14505'

14520'-14632'

All 4JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/20/84		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/30/84	24	58/64	→	2231	8870	0	3976
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1600	0	→	2231	8870	0	45 212	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Re-injected for pressure maintenance

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Vann E. Prater

TITLE

District Engineer

DATE

9/4/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a well. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2315' FSL & 3185' FEL		8. FARM OR LEASE NAME W36-10	
14. PERMIT NO. 43-043-30227		9. WELL NO. W36-10	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8357' KB, 8337' GL		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E	
		12. COUNTY OR PARISH Summit	
		13. STATE UT	

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

To Improve Sweep:

Perforate: 14,104' - 14,118'
 14,134' - 14,173'
 14,186' - 14,243'
 14,265' - 14,296'

Estimated start date is October 2, 1985

18. I hereby certify that the foregoing is true and correct

SIGNED

Van E. Prater

TITLE

District Engineer

DATE

9/27/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CORRECTED COPY
ST. OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT ' UPLICATE*
(See other instructions
on reverse side)

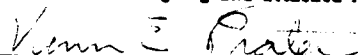
56 64 01

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. Fee	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY										7. UNIT AGREEMENT NAME Anschutz Ranch East	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82938										8. FARM OR LEASE NAME W36-10	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2315' FSL & 3185' FEL At top prod. interval reported below 1788' FSL & 1844' FEL At total depth 1693' FSL & 1763' FEL										9. WELL NO. W36-10	
14. PERMIT NO. 43-043-302271 DATE ISSUED 4-15-83										10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
15. DATE SPUDDED 8/19/83 16. DATE T.D. REACHED 2/1/84 17. DATE COMPL. (Ready to prod.) 5/12/84 18. ELEVATIONS (OF RES. RT. GR. ETC.)* 8357' KB 19. ELEV. CASINGHEAD 8337' GL										11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 36, T4N, R7E	
20. TOTAL DEPTH, MD & TVD 15198' MD 15038' TVD 21. PLUG BACK T.D., MD & TVD 14812' MD 14653' TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Nugget Sandstone 14364'-14632' MD 14223'-14479' TVD										12. COUNTY OR PARISH Summit	
25. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, BHC, DIL, Dipmeter, CBL PL										13. STATE Utah	
26. CASING RECORD (Report all strings set in well)										27. WAS WELL CORED No	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13 3/8"		68,61,72		5939'		17 1/2"		6000 sx		None	
10 5/8", 9 5/8"		101.4, 53.5		12417'		12 1/4"		1450 sx		None	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
7"		surface		15198'		390				3 1/2"	
31. PERFORATION RECORD (Interval, size and number) 14364' - 14426' 14446' - 14505' All 4JSPF 14520' - 14632'										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION DATE FIRST PRODUCTION 3/20/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing											
DATE OF TEST 4/30/84		HOURS TESTED 24		CHOKE SIZE 58/64		PROD'N. FOR TEST PERIOD		OIL—BSL. 2231		GAS—MCF. 8870	
FLOW. TUBING PRESS. 1600		CASING PRESSURE 0		CALCULATED 24-HOUR RATE		OIL—BSL. 2231		GAS—MCF. 8870		WATER—BSL. 0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Re-injected for pressure maintenance										OIL GRAVITY-API (CORR.) 45	
35. LIST OF ATTACHMENTS										TEST WITNESSED BY	

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

District Engineer

DATE

10/2/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				RECEIVED NOV 25 1985		5. LEASE DESIGNATION AND SERIAL NO. Fee	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY						7. UNIT AGREEMENT NAME Anschutz Ranch East	
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930						8. FARM OR LEASE NAME W36-10	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2315' FSL & 3185' FEL At top prod. interval reported below At total depth 1788' FSL & 1844' FEL 1693' FSL & 1763' FEL						9. WELL NO. W36-10	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
15. DATE SPUDDED 8/19/83 16. DATE T.D. REACHED 2/1/84 17. DATE COMPL. (Ready to prod.) 5/12/84						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 36, T4N, R7E	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 8357' KB						12. COUNTY OR PARISH Summit	
19. ELEV. CASINGHEAD 8337' GL						13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 15198' MD 15038' TVD				21. PLUG BACK T.D., MD & TVD 14812' MD 14653' TVD		22. IF MULTIPLE HOW MANY	
23. INTERVALS DRILLED BY				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Nguget Sandstone 14364' - 14632' MD 14223' - 14479' TVD		25. WAS DIRECTIONAL SURVEY MADE sfc to 148	
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, BHC, DIL, Dipmeter, CT						27. WAS WELL CORRED no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNTING RECORD	AMOUNT PULLED		
13 3/8"	68.61,72	1539'	17 1/2"	1000' x	None		
10 5/8", 9 5/8"	101.4, 53.5	2417'	12 1/4"	1450'	None		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	GREEN (MD)	30. TUBING RECORD		
7"	surface	15198'	390		SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3 1/2"	14171'	14171'
31. PERFORATION RECORD (Interval, size and number) 14364' - 14426' 14446' - 14505' All 4JSPF 14520' - 14632'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION							
DATE FIRST PRODUCTION 3/20/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/30/84	HOURS TESTED 24	CHOKE SIZE 58/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 2231	GAS—MCF. 8870	WATER—BBL. 0	GAS-OIL RATIO 3976
FLOW. TUBING PRESS. 1600	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 2231	GAS—MCF. 8870	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 45	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Re-injected for pressure maintenance						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Vann E. Proter

TITLE

District Engineer

DATE

11/19/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Bear River	6310'		6278'
				Gannet	8585'		8533'
				Preuss	10290'		10227'
				Salt	11711'		11646'
				Twin Creek	12361'		12295'
				Nugget	14073'		13947'



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 13, 1985

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930

Gentlemen:

Re: Well No. W36-10 - Sec. 36, T. 4N., R. 7E.,
Summit County, Utah - API #43-043-30227

This letter is to advise you that Sec. 38, Geologic Markers, on the back side of the "Well Completion or Recompletion Report and Log" for the above referenced well was not filled in when this report was submitted.

We are sure this was an oversight on your part and we request that you complete the enclosed Form OGC-3 and forward it to this office as soon as possible, but not later than November 27, 1985.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/27



May 16, 1986

Amoco Production Company

RECEIVED
MAY 21 1986

Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Re: **Name change on wells being brought into the Anschutz
Ranch East Unit**

Attn: Claudia Jones

Dear Claudia:

The following is a list of all wells, East & West Lobe
(production and Injection) at Anschutz Ranch East referenced
by well name, API No. and legal description, that should
be rolled over from Amoco Production Company to Amoco Rockmount
Company upon completion and being brought into the Unit.

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SENE, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16-06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17-12	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043-95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SENE, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SENE, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, Sec 30, T4N, R8E

20

Production wells (cont.)

<u>Well Name</u>	<u>API NO.</u>	<u>Legal Description</u>
W31-04	43-043-30165	NWNW, Sec 31, T4N, R8E
W31-06	43-043-30217	SENW, Sec 31, T4N, R8E
W31-08	43-043-30164	NWNE, Sec 31, T4N, R8E
W31-12	43-043-30190	SWNW, Sec 31, T4N, R8E
W32-04	43-043-30162	NWNW, Sec 32, T4N, R8E
W36-10	43-043-30227	NESW, Sec 36, T4N, R7E
W36-16	43-043-30157	SESE, Sec 36, T4N, R7E

Injection wells

W01-02	43-043-30209	? NWNE, Sec 1, T3N, R7E
W02-10	43-043-30265	NWSE, Sec 2, T3N, R7E
W16-14	43-043-30096	NWSW, Sec 16, T4N, R8E
W19-08	43-043-30272	SENE, Sec 19, T4N, R8E
W20-08	43-043-30212 ? 30123	SWNW, Sec 20, T4N, R8E
W20-14	43-043-30145	NWSW, Sec 20, T4N, R8E
W29-02	43-043-30220 ? 30136	NWNE, Sec 29, T4N, R8E
W29-12	43-043-30154	NWSW, Sec 29, T4N, R8E
W30-02	43-043-95014 ? 30218	NWNE, Sec 30, T4N, R8E
W30-12A	43-043-30248 ? 30230	NWSW, Sec 30, T4N, R8E
W30-15	43-043-95012 ? 30216 ?	NWNE, Sec 30, T4N, R8E
W36-08	43-043-30167	SENE, Sec 36, T4N, R7E
W36-14	43-043-30255	SESW, Sec 36, T4N, R7E

This should help to clarify your files and if any changes are necessary we will notify you of such.

If further information is needed please contact Louis F. Lozzie of this office at 307-789-1700 ext. 2226.

Thank you,



R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(C instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WY 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2374' FSL & 2092' FWL		8. FARM OR LEASE NAME W36-10
14. PERMIT NO. 43-043-30227		9. WELL NO. W36-10
15. ELEVATIONS (Show whether DS, RT, GR, etc.) 8329' GL / 8357' KB		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The following intervals will be perforated in the Nugget:

14654' - 14730'
14746' - 14810'
14818' - 14878'

Work should commence on or about 1/8/89. This work was discussed between Bruce Leggett (Amoco) and Jim Thompson (UTO&G) on 12/14/88 at 12:00 pm.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE District Engineer

DATE 12-21-88

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1-9-89

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		Fee
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WY 82930		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2374' FSL & 2092' FWL		7. UNIT AGREEMENT NAME Anschutz Ranch East
14. PERMIT NO. 43-043-30227		8. FARM OR LEASE NAME W36-10
15. ELEVATIONS (Show whether DS, RT, CR, etc.) 8357' KB		9. WELL NO. W36-10
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Nugget
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T4N, R7E
		12. COUNTY OR PARISH Summit
		13. STATE UT

RECEIVED
MAR 01 1989

DIVISION OF
OIL, GAS & MINING

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

FULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☒
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

The following intervals were perforated in the Nugget:

14,654' - 14,730'
14,746' - 14,810'
14,818' - 14,878'

Work was completed on 1/20/89 and the well was brought back on production the same day.

18. I hereby certify that the foregoing is true and correct

SIGNED Walter L. Shaffer

TITLE Drilling Supervisor

DATE 2-24-89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
AMOCO ROCMOUNT COMPANY
PO BOX 800
DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390REPORT PERIOD (MONTH/YEAR): 12 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W17-16								
4304330176	04540	04N 08E 17	NGSD			Free		
ANSCHUTZ RANCH EAST W30-08								
4304330183	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W30-14								
4304330185	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W01-06								
4304330188	04540	03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W31-12								
4304330190	04540	04N 08E 31	NGSD			"		
ANSCHUTZ RANCH EAST W19-16								
4304330204	04540	04N 08E 19	NGSD			"		
ANSCHUTZ RANCH EAST W30-10								
4304330215	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W31-06								
4304330217	04540	04N 08E 31	NGSD			"		
ANSCHUTZ RANCH EAST W20-12								
4304330220	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST E28-06								
4304330226	04540	04N 08E 28	NGSD			"		
ANSCHUTZ RANCH EAST W36-10								
4304330227	04540	04N 07E 36	NGSD			"		
ANSCHUTZ RANCH EAST W20-02								
4304330228	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W20-10								
4304330229	04540	04N 08E 20	NGSD			"		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

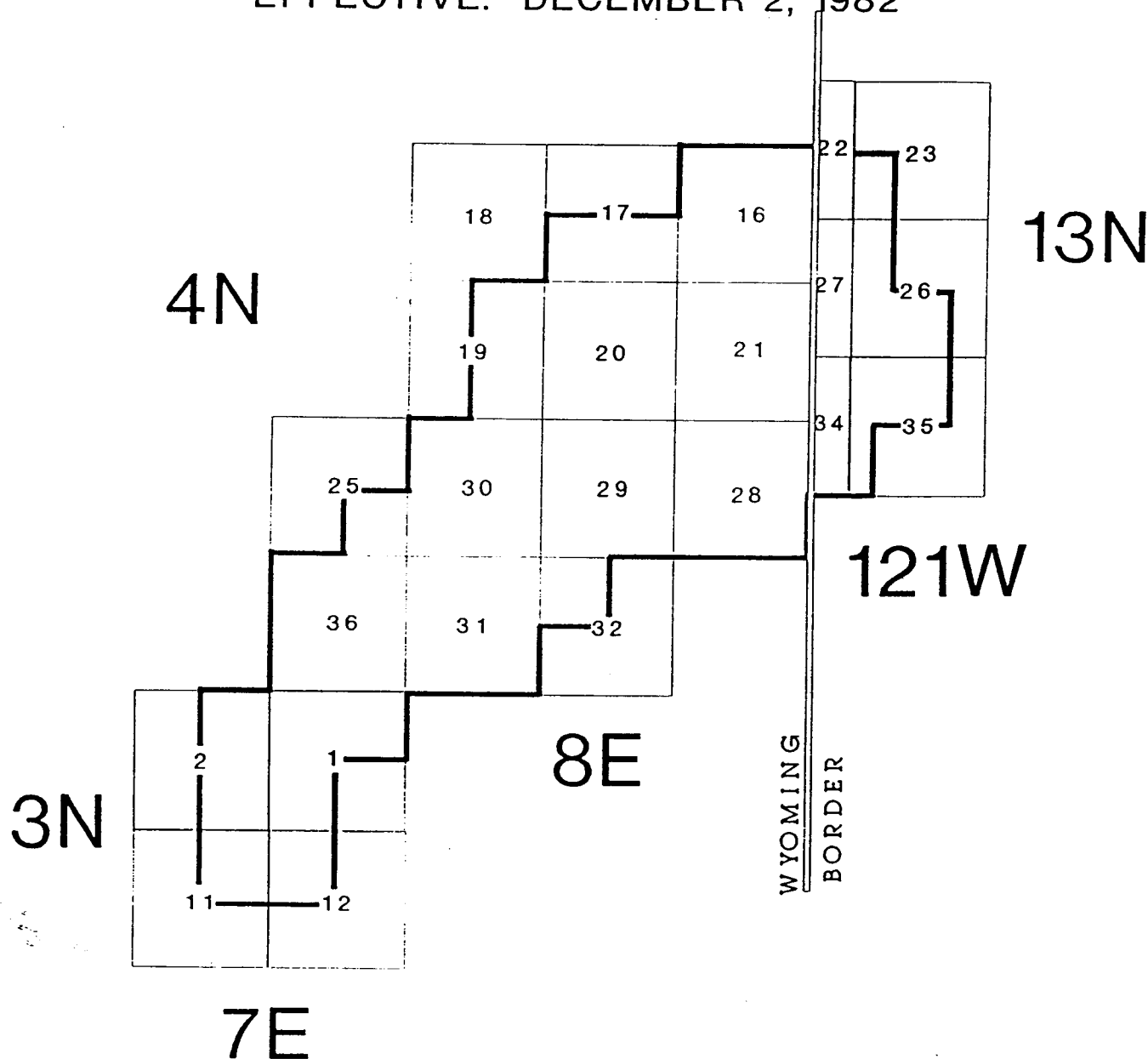
Name and Signature: _____

Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

Amoco Production Company

3. Address and Telephone Number:

P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781

4. Location of Well

Footages:

2374' FSL, 2092' FWL

QQ, Sec., T., R., M.:

Sec 36, T4N, R7E

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

Anschutz Ranch East

7. Unit Agreement Name:

W36-10

8. Well Name and Number:

9. API Well Number:

43-043-30227

10. Field and Pool, or Wildcat:

Nugget

County: Summit

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

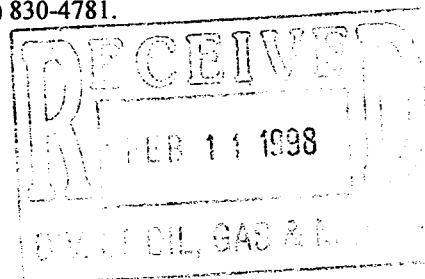
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Amoco Production Company is now the operator of the above mentioned well. We will be operating under Utah Bond # 831094. This is effective 1/31/95.

If you require additional information, please contact Gigi Martinez @ (303) 830-4781.



3.

Signature:

G. G. Martinez

Permit Agent

Title:

2/5/98

Date:

(Space for State use only)

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF DISSOLUTION OF "AMOCO ROCMOUNT COMPANY", FILED IN THIS OFFICE ON THE THIRTY-FIRST DAY OF JANUARY, A.D. 1995, AT 10 O'CLOCK A.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.

*Change of operation. Amoco Rocmount to
Amoco Production Co Effective 1/31/95*



0934277 8100

950022938

A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

AUTHENTICATION:

7391913

DATE:

01-31-95

*ANN: Lisha Cordova**801-359-3904**4 pages**Ed Haller**Amoco Prod. Co**303-830-4993*

CERTIFICATE OF DISSOLUTION

OF

AMOCO ROCMOUNT COMPANY

AMOCO ROCMOUNT COMPANY, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That dissolution was authorized on January 19, 1995.

SECOND: That dissolution has been authorized by the unanimous written consent of all of the stockholders of the corporation entitled to vote on a dissolution in accordance with the provisions of subsection (c) of section 275 of the General Corporation Law of the State of Delaware.

THIRD: That the names and addresses of the directors and officers of AMOCO ROCMOUNT COMPANY are as follows:

DIRECTORSNAMES

J. M. Brown

ADDRESSES

501 WestLake Park Boulevard
Houston, TX 77079

<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
D. H. Welch	Vice President	200 East Randolph Drive Chicago, IL 60601
J. M. Gross	Secretary	501 WestLake Park Blvd. Houston, TX 77079
R. B. Wilson	Assistant Secretary	1670 Broadway Denver, CO 80202
Rebecca Gormezano	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
C. F. Helm	Assistant Secretary	519 S. Boston Tulsa, OK 74103
A. L. Haws	Assistant Secretary	501 WestLake Park Blvd. Houston, TX 77079
Daniel B. Pinkert	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
G. L. Paulson	Assistant Secretary	1670 Broadway Denver, CO 80202
J. E. Rutter	Assistant Secretary	501 WestLake Park Blvd. - Houston, TX 77079
J. L. Siddall	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
M. J. Stonecipher	Assistant Secretary	519 S. Boston Tulsa, OK 74103
Rebecca S. McGee	Assistant Secretary	1670 Broadway Denver, CO 80202
Gerald M. Wilson	Assistant	200 East Randolph Drive

STATE OF COLORADO)

CITY OF DENVER)

ss.

I, Sheryla A. White, a Notary Public, do hereby certify that M. R. GILE and Robert S. McGee of the above named AMOCO ROCMOUNT COMPANY, personally known to me to be the same persons whose names are subscribed to the foregoing instrument as Vice President and Assistant Secretary, respectively, appeared before me this day in person, and acknowledged that they signed, sealed and delivered the said instrument as the free and voluntary act of said AMOCO ROCMOUNT COMPANY, and as their own free and voluntary act as Vice President and Assistant Secretary, respectively, for the uses and purposes therein set forth.

GIVEN under my hand and official seal this 26th day of January, 1995.

Sheryla A. White
Notary Public



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 26, 1998

G. G. Martinez
Amoco Production Company
P. O. Box 800, Room 812B
Denver, Colorado 80201

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Amoco Rocmount Company to Amoco Production Company for the following wells which are located on fee leases:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
(Anschutz Ranch East "ARE")		
ARE W20-08	20-04N-08E	43-043-30123
ARE 29-04ST1	29-04N-08E	43-043-30129
ARE E21-14	21-04N-08E	43-043-30130
ARE W21-04	21-04N-08E	43-043-30135
ARE W29-02	29-04N-08E	43-043-30136
ARE W16-06	16-04N-08E	43-043-30138
ARE W20-16	20-04N-08E	43-043-30148
ARE W30-16	30-04N-08E	43-043-30156
ARE W36-16	36-04N-07E	43-043-30157
ARE W20-06	20-04N-08E	43-043-30159
ARE W32-04	32-04N-08E	43-043-30162
ARE W31-08	31-04N-08E	43-043-30164
ARE W31-04	31-04N-08E	43-043-30165
ARE W17-16	17-04N-08E	43-043-30176
ARE W30-08	30-04N-08E	43-043-30183
ARE W30-14	30-04N-08E	43-043-30185
ARE W01-06	01-03N-07E	43-043-30188
ARE W31-12	31-04N-08E	43-043-30190
ARE W19-16	19-04N-08E	43-043-30204
ARE W30-10	30-04N-08E	43-043-30215
ARE W31-06	31-04N-08E	43-043-30217

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

ARE W20-12	20-04N-08E	43-043-30220
ARE E28-06	28-04N-08E	43-043-30226
ARE W36-10	36-04N-07E	43-043-30227
ARE W20-02	20-04N-08E	43-043-30228
ARE W20-10	20-04N-08E	43-043-30229
ARE W16-12	16-04N-08E	43-043-30231
ARE W20-04	20-04N-08E	43-043-30238
ARE W29-06A	29-04N-08E	43-043-30250
ARE W29-14A	29-04N-08E	43-043-30251
ARE E28-12	28-04N-08E	43-043-30257
ARE W01-04	01-03N-07E	43-043-30270
ARE W01-12	01-03N-07E	43-043-30271
ARE W30-06	30-04N-08E	43-043-30273
ARE W11-1	11-03N-07E	43-043-30277
ARE W30-13	25-04N-07E	43-043-30279
ARE W12-04	02-03N-07E	43-043-30283
ARE W20-09	20-04N-08E	43-043-30286
ARE W20-03	20-04N-08E	43-043-30291

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

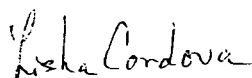
This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3
G. G. Martinez
Notification of Sale
February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Admin. Analyst, Oil & Gas

cc: Amoco Rocmount Company, Ed Hadlock
Utah Royalty Owners Association, Stephen Evans
John R. Baza, Associate Director
Operator File(s)

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KAS
3-BPSE	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (~~well sold~~)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 1-31-95

TO: (new operator) AMOCO PRODUCTION COMPANY
 (address) PO BOX 800
DENVER CO 80201
 Phone: (303)830-5340
 Account no. N0050

FROM: (old operator)
 (address)

AMOCO ROCMOUNT COMPANY
PO BOX 800
DENVER CO 80201
ED HADLOCK
 Phone: (303)830-5340
 Account no. N1390

*ANSCHUTZ RANCH EAST UNIT

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>42-043-30227</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 2-19-98) (Rec'd 2-26-98)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 2-11-98)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (2-26-98) * Qualitative/UIC "No Chg.", DBASE/UIC "No Chg." (See comments)
- lec 6. **Cardex** file has been updated for each well listed above. (2-26-98)
- lec 7. Well **file labels** have been updated for each well listed above. (2-26-98)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-26-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
4540 "Unit Entity"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- Surety No. 831094 (80,000) Issued by Seaboard Surety Co. in behalf of Amoco Prod. Co. and Amoco Rockmont Co.
- Sec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A copy of this form has been placed in the new and former operator's bond files.
- Sec 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 2-19-98. If yes, division response was made to this request by letter dated ____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Sec 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- Sec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated Feb. 26, 1998, of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 3.20.98.

FILING

- CHD 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

980219 Recognized opns. for Anschutz Ranch East Unit (State Unit) already Amoco Production Co.

* UIC Wells (Disposal & Gas Injection) were never changed to Amoco Rockmont Company, no change necessary! They were changed in 3270 and have now been changed back to Amoco Prod. Co.

FORM 6

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to convert plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

A. Lease Description and Serial Number:

FEE

B. If known, Address or Tract Name:

7. Unit Agreement Name:

ANSCHUTZ RANCH EAST

8. Well Name and Number:

ARE W36-10

9. API Well Number:

43-043-3022700

10. Field and Pool, or Widened:

ANSCHUTZ RANCH EAST

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

AMOCO PRODUCTION

3. Address and Telephone Number:

PH. 281-366-2036

P.O. BOX 3092, HOUSTON, TEXAS, 77253-3092

4. Location of Well:

Payson:

2374' FSL X 2092' FWL

O.G. Sec., T., R., M.:

SECTION 36, TWP 4N, R 07E

County: SUMMIT

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|--|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reparforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input checked="" type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start: APRIL 5TH

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reparforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of work completion:

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a current verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface logs and measured and true well depths for all columns and string positions to this work.)

(SEE ATTACHED)

13.

Name & Signature:

Jenny Myhrman

Title:

OPERATIONS SUPERVISOR

Date:

3/29/99

(This space for State use only)

(4864)

Accepted by the
Utah Division of
Oil, Gas and Mining

(See Instructions on Reverse Side)

Date:

3-30-99

By:

Jenny Myhrman

COPY SENT TO OPERATOR

Date:

3-30-99

Initials:

CJP

Workover Procedure
Anschutz Well No. W36-10

Location: Section 36, T04N-R07E **County:** Summit **State:** Utah

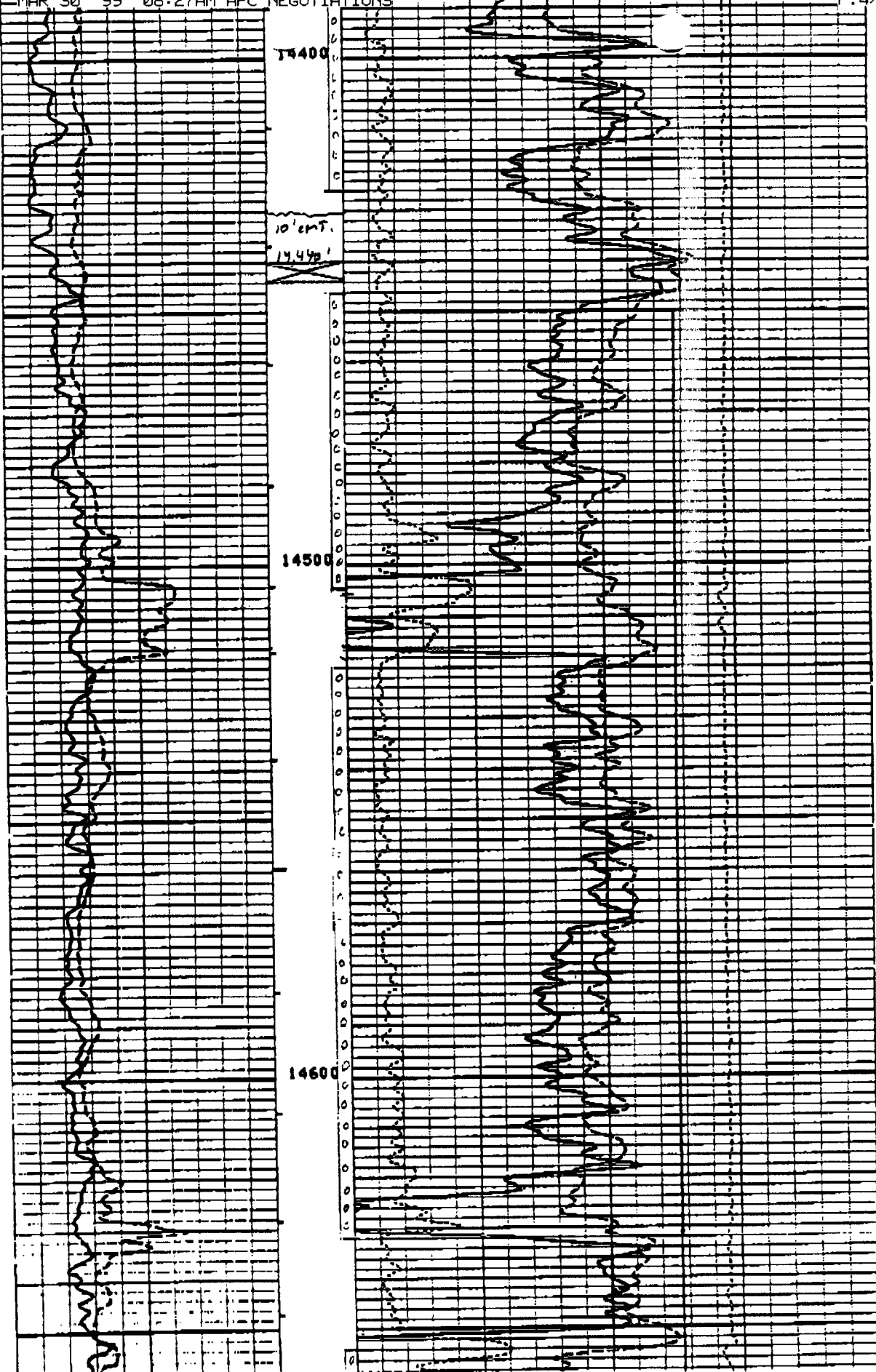
Objective: Isolate lower water zone via permanent thru tubing bridge plug.

Caution: please review well history and completion diagram in detail before running in hole. Smallest ID per diagram is located at approximately 14,323.80 ft and is 2.41".

Procedure:	Estimated cost	Baker	\$15,500
		Schlumberger	<u>8,000</u>
		Total	\$23,500

- 1.) MIRU Schlumberger electric line unit and conduct pre-workover safety meeting.
- 2.) Shut in well and shutoff chemical injection (if applicable).
- 3.) Rigup lubricator and pressure test using water.
- 4.) RIH w/appropriate size gauge ring and tag PBD at approximately 15,000 ft. Record PBD and POOH.
- 5.) RIH w/permanent inflatable thru tubing bridge plug to pass a minimum ID of 2.41" ID and set in 7" 32# S-95 Buttress casing (drift ID 6.094", coupling drift ID 5.969")
- 6.) Set TTBP at 14,440 ft md (per CNL/FDC log dated 2/2/84).
- 7.) POOH w/ running tool and pickup dump bailer.
- 8.) Dump cement as recommended by service company.
- 9.) POOH and return well to productive status.
- 10.) Monitor rates / pressures and report to operations engr. Accordingly.

Contacts:	Bill Chatham@307-783-2758	Workover Foreman
	Kenton Schoch @ 307-783-2421	ARE Process Foreman
	Scott Pilch @ 307-789-2638	Schlumberger
	Terry Miglicco @ 281-366-2036	ARE Operations Engr. (Houston)



BP Amoco**FACSIMILE TRANSMISSION**

To: State of Utah Department of Natural Resources Division of Oil, Gas and Mining Attention: Dan Jarvis Fax No.: 801-359-3940	From: Terry Miglicco BP Amoco Exploration Western U.S. Gas Business Unit P.O. Box 3092 Houston, Texas 77253-3092 Telephone: 281-366-2036 Reply Fax: <u>281-366-7996</u>
Date: March 30, 1999	No. of Pages Including Cover: 4

Dan,

Please review the attached Sundry Notice. Do not hesitate to call me at 281-366-2036 should you have any questions. Your response can be faxed to me at Fax No. 281-366-7996.

Thank you.

Terry Miglicco

This communication is intended for the use of the party to which it is addressed and may contain information that is privileged or confidential under applicable law. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is not permitted. If you have received this communication in error, please notify us immediately and then destroy this communication. Thank you.

I:\wright\faxdoc.doc



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: MARCH 30, 1999

FAX#: 281-366-7996

ATTN: TERRY MIGLICCO

COMPANY: BP AMOCO EXPLORATION

DEPARTMENT:

NUMBER OF PAGES:(INCLUDING THIS ONE) 4

From: DAN JARVIS

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.
We are sending from a sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGES:

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have recieved this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

TRANSACTION REPORT

P. 01

MAR-30-99 MON 10:24 AM

SEND (M)

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAR-30	10:21 AM	12813667996	2' 16"	4	SEND	(M) OK	090	
TOTAL			2M 16S		PAGES:	4		



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
GovernorLowell P. Braxton
Division Director

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: MARCH 30, 1999

FAX#: 281-366-7996

ATTN: TERRY MIGLICCO

COMPANY: BP AMOCO EXPLORATION

DEPARTMENT:

NUMBER OF PAGES:(INCLUDING THIS ONE) 4

From: DAN JARVIS

Form 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Use this form to report to the Division of Oil, Gas and Mining, or to the nearest geologist, any changes in well status, or to report any other well status information.
Use APPLICATION FOR PERMIT TO DRILL OR COMPLETION FORM for new operations.

6. Lease Description and State Number:

Free

7. Land Agreement Number:

ANSCHUTZ RANCH EAST

8. Well Name and Number:

ARE W36-10

9. API Well Number:

43-043-3022700

10. Field and Pool, or Water:

ANSCHUTZ RANCH EAST

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

AMOCO PRODUCTION

3. Address and Telephone Number:

P.O. BOX 3092, HOUSTON, TEXAS, 77253-3092

4. Location of Well:

2374' FSL X 2092' FWL

County: SUMMIT

5. Sec. T. R. M. SECTION 36, TWP 4N, R07E

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit to Division)

- | | |
|--|--|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Repurpose |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input checked="" type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start: APRIL 5TH

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Repurpose |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input checked="" type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of work completion: APRIL 6, 1999

Report within 10 days of completion of operations. If work is not completed, report must be submitted by the next calendar day.

* Must be accompanied by a correct completion report.

12. DESCRIBE PROBLEMS OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is shut down, give estimated duration and frequency and the reason for all entries and state actions to be taken.)

SCHLUMBERGER POSISET BRIDGEPLUG WAS SET AT 14,440 FT MD
AS PLANNED WITHOUT INCIDENT. CEMENT WAS SPOTTED ON TOP
THE PLUG RESULTING IN A PLUG BACK DEPTH OF 14,430 FT.

13

Name & Signature:

Jerry Myhr

Title: OPERATIONS SUPERVISOR

Date: 3/25/99

(This section for State use only)

1406

Accepted by the
Utah Division of
Oil, Gas and Mining

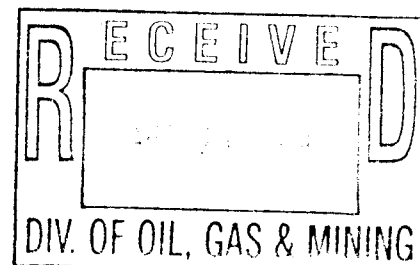
Date: 3-30-99

By: [Signature]

(See Instructions on Reverse Side)

COPY SENT TO OPERATOR

Re: 5/6/99
Date: 10/10



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

See Attached

8. WELL NAME and NUMBER:

See Attached

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

See Attached

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER See Attached

2. NAME OF OPERATOR:

Amoco Production Company

3. ADDRESS OF OPERATOR:

501 Westlake Park Blvd. CITY Houston

STATE TX

ZIP 77079

PHONE NUMBER:

(281) 366-5328

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.

Also attached for the Board's file is a copy of the Board Resolution approving the name change.

NAME (PLEASE PRINT) Alan Wood

TITLE Regulatory Engineer

SIGNATURE 

DATE 12/11/2001

RECEIVED

(This space for State use only)

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES OF AMERICA §
STATE OF TEXAS §
COUNTY OF HARRIS §
CITY OF HOUSTON §

CERTIFICATE

M. S. Haskins, of lawful age, first being duly sworn on oath, deposes and says:

1. That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.;
2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

WHEREAS, in connection with BP America Inc.'s ("BP") integration of Atlantic Richfield Company ("ARCO") and Vastar Resources, Inc. ("Vastar"), BP has elected to reorganize, consolidate and merge its upstream onshore Lower 48 assets into a single legal entity to align BP's legal structure with its business organization and to improve operating efficiencies; and

WHEREAS, BP desires Amoco Production Company ("Company") to be such single legal entity for the purposes of such reorganization, consolidation and merger; and

WHEREAS such reorganization, consolidation and merger shall be accomplished by December 31, 2001 pursuant to a Reorganization Agreement ("Agreement") by and between ARCO and BP Company North America Inc. ("BP Company NA"), the parent of Company, resulting in ARCO's upstream onshore Lower 48 assets being transferred to Company and Vastar being merged into Company; and

WHEREAS, pursuant to such Agreement, asset, stock and liability transfers will occur in consideration for Class B common stock of BP Company NA and Company's agreement to assume all obligations and indemnify ARCO for all past and future liabilities relating to such transfers; and

WHEREAS, in connection with such reorganization, Company desires to change its name to BP America Production Company, effective December 31, 2001 with corporate seal as follows; and



WHEREAS all officers and directors of Company will remain unchanged.

NOW, THEREFORE, BE IT,

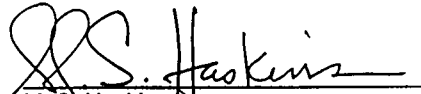
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

FURTHER RESOLVED, Company will change its name and corporate seal to BP America Production Company, effective December 31, 2001 and all officers and directors will remain unchanged.

3. That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

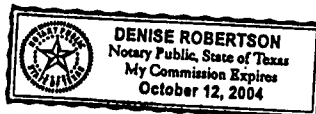
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

SUBSCRIBED and sworn to before me this 13 day of November, 2001.

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	Sec	Twp-Rng
43-043-30096-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30106-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST 34-2	SWD	Active Well	ANSCHUTZ RANCH EAST	34	4N-7E
43-043-30123-00-00	AMOCO PRODUCTION CO	ARE W20-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30129-00-00	AMOCO PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30130-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30135-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30136-00-00	AMOCO PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30138-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30139-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING C-1	SWD	Active Well	ANSCHUTZ RANCH EAST	26	4N-7E
43-043-30143-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30145-00-00	AMOCO PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30148-00-00	AMOCO PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30154-00-00	AMOCO PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30156-00-00	AMOCO PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30157-00-00	AMOCO PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30159-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30161-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING D-1	Gas Well	Shut_In	WEBER FORMATION	14	4N-7E
43-043-30162-00-00	AMOCO PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	32	4N-8E
43-043-30164-00-00	AMOCO PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30165-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-04 E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30167-00-00	AMOCO PRODUCTION CO	ARE W36-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30168-00-00	AMOCO PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	9	3N-7E
43-043-30170-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30176-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	17	4N-8E
43-043-30183-00-00	AMOCO PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30185-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30188-00-00	AMOCO PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30190-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30204-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	19	4N-8E
43-043-30209-00-00	AMOCO PRODUCTION CO	ARE W1-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30215-00-00	AMOCO PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30216-00-00	AMOCO PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30217-00-00	AMOCO PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30218-00-00	AMOCO PRODUCTION CO	ARE W30-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E

Page 2 of 6

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW ✓		5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-31-2001****FROM:** (Old Operator):

AMOCO PRODUCTION COMPANY

Address: 501 WESTLAKE PARK BLVD

HOUSTON, TX 77079

Phone: 1-(281)-366-5328

Account N0050

TO: (New Operator):

BP AMERICA PRODUCTION COMPANY

Address: 501 WESTLAKE PARK BLVD

HOUSTON, TX 77079

Phone: 1-(281)-366-5328

Account N1990

CA No.

Unit: ANSCHUTZ RANCH EAST

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ANSCHUTZ RANCH EAST W01-06	43-043-30188	4540	01-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W01-02	43-043-30209	4540	01-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W01-04	43-043-30270	4540	01-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W01-12	43-043-30271	4540	01-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W12-04	43-043-30283	4540	02-3N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W11-1	43-043-30277	4540	11-3N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W30-13	43-043-30279	4540	25-4N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W36-08	43-043-30167	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-16	43-043-30157	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-10	43-043-30227	4540	36-4N-7E	FEE	GW	P
ANSCHUTZ RANCH EAST W36-14	43-043-30255	4540	36-4N-7E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-06	43-043-30138	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-12	43-043-30231	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W16-14	43-043-30096	4540	16-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W17-16	43-043-30176	4540	17-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W19-16	43-043-30204	4540	19-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-08	43-043-30123	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-14	43-043-30145	4540	20-4N-8E	FEE	GW	P
ANSCHUTZ RANCH EAST W20-06	43-043-30159	4540	20-4N-8E	FEE	GW	S
ANSCHUTZ RANCH EAST W20-16	43-043-30148	4540	20-4N-8E	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/13/20012. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2001

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/14/2001
4. Is the new operator registered in the State of Utah: YES Business Number: PENDING
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change) for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/17/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/17/2001
3. Bond information entered in RBDMS on: 12/11/2001
4. Fee wells attached to bond in RBDMS on: 12/17/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

INDIAN BOND VERIFICATION:

1. Indian well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 103172911249
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 12/19/2001

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
See Attached

8. WELL NAME and NUMBER:
See Attached

9. API NUMBER:
Attached

10. FIELD AND POOL, OR WILDCAT:
See Attached

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See Attached

2. NAME OF OPERATOR:
BP America Production Company

3. ADDRESS OF OPERATOR:
501 WestLake Park Blv, CITY Houston STATE TX ZIP 77079

PHONE NUMBER:
(281) 366-2000

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to :

Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Frank N. Dign Title V.P.

Signature [Signature] Date 7/1/03

BP America Production Company
NAME (PLEASE PRINT) David G. Peterson TITLE Attorney-In-Fact

SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

RECEIVED

JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	NWSW	2137	S	686	W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	34	NWNW	1036	N	1100	W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENE	2202	N	1592	E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNW	627	N	435	W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWSW	2365	S	200	W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	21	NWNW	1063	N	401	W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWNE	662	N	2460	E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SENE	1314	N	618	E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	26	SWSE	1324	S	1722	E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NWNW	860	N	536	W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	1518	S	1283	W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SWSE	257	S	1640	E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	2204	S	22	W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NESE	1345	S	968	E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESE	890	S	447	E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	1291	N	936	W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	32	NWNW	642	N	791	W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNE	468	N	2201	E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	NWNW	111	N	737	W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SENE	1641	N	1183	E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E	9	SWNW	1837	N	1286	W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E	23	NESE	2170	S	680	E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	17	NWSE	1765	S	1444	E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SENE	2109	N	665	E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	1195	S	1405	W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SENW	1777	N	1666	W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SWNW	1778	N	640	W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SWSE	1229	S	1350	E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NENW	386	N	2013	W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSE	2230	S	2432	E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	SESW	626	S	2848	E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31	SENW	1397	N	2181	W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWNE	715	N	2182	E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W20-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWSW	2531	S	7	W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	SENW	1900	N	1652	W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	NESW	2315	S	3185	E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNE	319	N	2000	E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	SENW	2560	N	2567	W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	16	SWNW	2756	S	454	W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20	NWNW	702	N	414	W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30	NWSW	1886	S	47	W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	SENW	1513	N	1548	W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	29	NWSW	1786	S	795	W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	36	SESW	901	S	1780	W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	28	NWSW	1994	S	806	W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2	NWSE	1959	S	1463	E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	SWNW	697	N	465	W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	1	NWSW	2072	S	1669	W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	19	SENE	2227	N	301	E

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

43-043-30273-00-00	BP AMERICA PRODUCTION CO	ARE W30-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30 SENW	2393 S	1645 W
43-043-30277-00-00	BP AMERICA PRODUCTION CO	ARE W11-1	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	11 NENE	533 N	1486 E
43-043-30279-00-00	BP AMERICA PRODUCTION CO	ARE W30-13	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	25 SESE	597 S	382 E
43-043-30280-00-00	BP AMERICA PRODUCTION CO	ARE W31-05	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31 SWNW	2361 N	282 E
43-043-30283-00-00	BP AMERICA PRODUCTION CO	ARE W12-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2 SESE	373 S	865 E
43-043-30286-00-00	BP AMERICA PRODUCTION CO	ARE W20-09	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SENE	2360 N	430 E
43-043-30291-00-00	BP AMERICA PRODUCTION CO	ARE W20-03	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SESW	641 S	1810 W

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)**Designation of Agent/Operator**

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

7/1/2003**FROM: (Old Operator):**

N1990-BP America Production Company
501 WestLake Park Blvd
Houston, TX 77079

Phone: (281) 366-2000

TO: (New Operator):

N4900-Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Phone: (972) 628-1558

CA No.**Unit:****ANSCHUTZ RANCH EAST****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W01-02	01	030N	070E	4304330209	4540	FEE	GW	P
ARE W01-04	01	030N	070E	4304330270	4540	FEE	GW	S
ARE W2-10	02	030N	070E	4304330265	99990	FEE	GI	I
ARE W36-10	36	040N	070E	4304330227	4540	FEE	GW	S
ARE W36-14	36	040N	070E	4304330255	4540	FEE	GW	S
ARE W16-12	16	040N	080E	4304330231	4540	FEE	GW	S
ARE W19-16	19	040N	080E	4304330204	4540	FEE	GW	S
ARE W20-12	20	040N	080E	4304330220	4540	FEE	GW	S
ARE W20-02	20	040N	080E	4304330228	4540	FEE	GW	S
ARE W20-10	20	040N	080E	4304330229	4540	FEE	GW	P
ARE W20-04	20	040N	080E	4304330238	4540	FEE	GW	S
ARE E28-06	28	040N	080E	4304330226	4540	FEE	GW	P
ARE E28-12	28	040N	080E	4304330257	4540	FEE	GW	P
ARE W29-06A	29	040N	080E	4304330250	4540	FEE	GW	P
ARE W29-14A	29	040N	080E	4304330251	4540	FEE	GW	P
ARE W30-10	30	040N	080E	4304330215	4540	FEE	GW	P
ARE W30-15	30	040N	080E	4304330216	4540	FEE	GW	P
ARE W30-02	30	040N	080E	4304330218	4540	FEE	GW	S
ARE W30-12A	30	040N	080E	4304330248	99990	FEE	GI	I
ARE W31-12	31	040N	080E	4304330190	4540	FEE	GW	S
ARE W31-06	31	040N	080E	4304330217	4540	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/3/20032. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/3/20033. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/7/20034. Is the new operator registered in the State of Utah: YES Business Number: 1348145-0143

5. If NO, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: n/a

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/18/2003

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/26/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2003
3. Bond information entered in RBDMS on: 8/26/2003
4. Fee wells attached to bond in RBDMS on: 8/26/2003

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103912218
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/26/2003

COMMENTS:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

August 26, 2003

Bruce Williams
BP America Production Company
501 WestLake Park Blvd
Houston, TX 77079

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

The Division has processed your request for an operator change from BP America Production Company to Merit Energy Company effective July 1, 2003 for the attached list of fee wells.

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

January 22, 2004

CERTIFIED MAIL #7002 0510 0003 8602 4798

Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240-7312

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases.

Dear Mr. Taylor:

Merit Energy Company, as of January 2004, has twenty-four (24) Fee Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in or temporary abandonment status. This includes twenty (20) Fee Lease Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003. Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

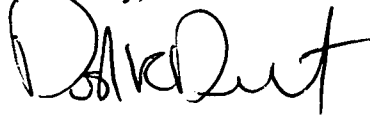
Page 2
January 22, 2004
Lance Taylor

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File

	Well Name	API	Lease Type	Years Inactive
1	ARE W20-06	43-043-30159	Fee	1 Year 2 Months
2	ARE W31-04E	43-043-30165	Fee	1 Year 3 Months
3	ARE W36-10	43-043-30227	Fee	1 Year 3 Months
4	ARE W36-08	43-043-30167	Fee	1 Year 7 Months

Wells with returned Sundry Notices and attached requirement sheet dated November 19, 2003

1	ARE W21-04	43-043-30135	Fee	1 Year 10 Months
2	Champlin 372 Amoco C1	43-043-30143	Fee	1 Year 11 Months
3	ARE W16-06	43-043-30138	Fee	1 Year 11 Months
4	ARE W01-12	43-043-30271	Fee	2 Years 4 Months
5	ARE W30-02	43-043-30218	Fee	3 Years 2 Months
6	ARE W36-14	43-043-30255	Fee	4 Years 5 Months
7	ARE W30-06	43-043-30273	Fee	5 Years 4 Months
8	ARE W20-02	43-043-30228	Fee	5 Years 4 Months
9	ARE W30-13	43-043-30279	Fee	5 Years 6 Months
10	ARE W19-16	43-043-30204	Fee	5 Years 8 Months
11	ARE W20-4	43-043-30238	Fee	6 Years 3 Months
12	ARE W31-12	43-043-30190	Fee	7 Years 3 Months
13	ARE W01-04	43-043-30270	Fee	7 Years 4 Months
14	ARE W11-01	43-043-30277	Fee	7 Years 4 Months
15	ARE W20-03	43-043-30291	Fee	8 Years 1 Month
16	ARE W16-14	43-043-30096	Fee	8 Years 1 Month
17	ARE 16-12	43-043-30231	Fee	8 Years 3 Months
18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

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and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Page 2
January 22, 2004
Lance Taylor

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1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
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Sincerely,



Dustin K. Doucet
Petroleum Engineer

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cc: John Baza
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18	Champlin 387 B1A	43-043-30168	Fee	8 Years 6 Months
19	ARE W17-16	43-043-30176	Fee	8 Years 7 Months
20	ARE E21-14	43-043-30130	Fee	10 Years 8 Months



MERIT ENERGY COMPANY

13727 Noel Road, Suite 500
Dallas, TX 75240
Ph: 972-701-8377 Fx: 972-960-1252
www.meritenergy.com

Date: February 13, 2004

Subject: Extended Shut-in wells in the Anschutz Ranch East Field

Dear Mr. Doucet:

In response to your letter dated January 22, 2004, I would like to submit the attached supporting documentation regarding our extended shut-in wells. Merit Energy Company purchased an operating interest in the Anschutz Ranch East Unit from BP Production Company effective July 1, 2003, and has spent the last seven months evaluating the production capability of all active and inactive wells in the field. This process has resulted in workovers that have reestablished production in several of these wells, and revealed future opportunities for all of the others. Here is a quick synopsis of our plans for each well.

- **ARE W20-06-** Workover is planned to immediately reactive this well by running smaller tubing, and putting the well on gas lift. Should be reactivated by mid year 2004.
- **ARE W31-04-** BP attempted a directional reentry of this wellbore in 2001, during which time the drill pipe was inadvertently cemented in the horizontal section of the wellbore. Merit is investigating methods to effectively stimulate this wellbore and return it to production. If unable to do so, it will be plugged.
- **ARE W36-10-** This well will be the first test candidate for an experimental production method for artificial lifting gas wells. An electric submersible pump will be run in this well in the next couple of months in an attempt to reestablish production by removing large volumes of water from the formation. If this project is successful it could lead to the reactivation of virtually every inactive well in the field. The project is approved internally, and we are waiting on equipment and supplies before mobilizing a service rig.
- **ARE W36-08-** This well has been reactivated following a workover last fall. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W21-04-** Surface tubing pressure indicates this well may be capable of producing again. However attempts to return this well to production with the current wellbore configuration have not been successful. Merit plans to install smaller tubing and gas lift on this well. If that is unsuccessful, this well is also a candidate for an electric submersible pump installation. If all attempts to reactivate the Nugget formation fail, this well is a recompletion candidate in the Twin Creek formation.
- **Champlin 372 C-1-** This well is capable of producing for a few days at a time, but quickly loads up with water and dies. Again, this well is a candidate for an electric submersible pump installation, or may be used as a salt water disposal well if additional capacity is needed due to the ESP program.
- **ARE W16-06-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W01-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-02-** An attempt was made to return this well to production last fall, but was unsuccessful due to high water production. Pending the success of the W36-10, this well will also have an electric submersible pump installed.
- **ARE W36-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W30-06-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W20-02-** A workover has been approved internally to reactivate this well, and should begin in the next few weeks. A sundry notice was filed and approved by the Utah Oil and Gas Commission.
- **ARE W30-13-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W19-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.

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FEB 20 2004

DIV OF OIL GAS & MINING

- **ARE W20-04-** This well ~~will~~ have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W31-12-** An attempt was made to reactivate this well in late 2003, but was unsuccessful. A sundry notice was filed and approved by the Utah Oil and Gas Commission. An uphole recompletion in the Twin Creek formation is planned and will be completed in the next few months.
- **ARE W01-04-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W11-01-** This well will have an electric submersible pump installed if the program is successful. Otherwise it will be plugged.
- **ARE W20-03-** This well will have an electric submersible pump installed if the program is successful. It is also considered for an uphole recompletion.
- **ARE W16-14-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE W16-12-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **Champlin 387 B-1A-** Merit Energy is in the process of obtaining records from BP for this well. Once historical information is obtained, we will evaluate all feasible methods to return this well to producing status. Otherwise it will be plugged.
- **ARE W17-16-** This well will have an electric submersible pump installed if the program is successful. It is also considered for salt water disposal well if additional capacity is needed.
- **ARE E21-14-** This well was returned to producing status on 12/19/03.

In addition to this information, I have enclosed pressure data for all wells, and a wellbore schematic for all wells except the Champlin 387 B-1A. The static bottom hole pressures and static fluid levels were collected in September 2003 with bottom hole gauges. If you need any further information, please contact me at 972-628-1651 or electronically at lance.taylor@meritenergy.com.

Regards,


Lance L. Taylor
Operations Engineer

Cc: Rusty Ginnetti
Arlene Valliquette
Dennis Longwell

Attachments: (1) page of pressure data, (23) wellbore schematics

Return-path: <Lance.Taylor@meritenergy.com>
Received: from imail.meritenergy.com [208.133.141.18]
by UTSTDP13.state.ut.us; Tue, 24 Feb 2004 07:06:49 -0700
Subject: Anschutz Ranch East Unit
To: clintondworshak@utah.gov
Cc: Rusty Ginnetti <Rusty.Ginnetti@meritenergy.com>,
Arlene Valliquette <Arlene.Valliquette@meritenergy.com>,
Dennis Longwell <Dennis.Longwell@meritenergy.com>
X-Mailer: Lotus Notes Release 5.0.10 March 22, 2002
Message-ID: <OF2FAC50A1.BE12C251-ON86256E44.004B0584-
86256E44.004D8670@meritenergy.com>
From: Lance Taylor <Lance.Taylor@meritenergy.com>
Date: Tue, 24 Feb 2004 08:06:46 -0600
X-MIMETrack: Serialize by Router on imail/Meritenergy(Release 6.0.3|September 26, 2003) at
02/24/2004 08:06:49 AM
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Mr. Dworshak,

I'd like to confirm our 2/23/04 telephone conversation in response to my letter dated 2/13/04 regarding extended shut in and temporarily abandoned wellbores in the Anschutz Ranch East Unit ("ARE Unit") of Summit county Utah. It is Merit Energy Company's intention to utilize each wellbore to it's full capacity. As such, Merit is in the process of attempting to reactivate the wellbores in question. Several wellbore specific workovers have been identified, and the approximate timing of each is mentioned in my original letter.

However, the majority of the reactivation work depends on the successful utilization of electric submersible pumps for artificial lift. It is the timing of this project that I would like to address. As you know, this is a capital intensive project, so Merit plans to do the appropriate research prior to implementation. Merit intends to test the idea on the ARE W36-10 within the next 8-12 weeks. Following a 4-12 week test period, Merit will perform a strenuous economic and operational evaluation. If it is determined that the project is valid, full scale implementation could begin as early as June. However, due to the complexity of the equipment, depth of the wells, and unavailability of service rigs, Merit anticipates this project will take several months, possibly one year, to complete. Due to the large volumes of water to be produced by this project, it is likely that one or more of the shut in wells will need to be reactivated as salt water disposal wells. All regulatory and state documentation will be completed prior to SWD conversion.

Finally, if the ESP project is unsuccessful, several of these wellbore have recompletion potential in shallower formations. Specifically, Merit has identified the Jurassic aged Twin Creek formation as a possible recompletion target. Completion practices must be researched and developed in order to ensure economic quantities of hydrocarbons. Again, all state and federal permits will be approved prior to project implementation.

If after all our efforts to economically reactivate these wells fail, Merit Energy will begin the plug and abandonment process. I trust this will clear up any issues of timing. If you have further questions or concerns please feel free to contact me at any of the numbers below.

Regards,

Lance L. Taylor
Operations Engineer-Rockies Region
Merit Energy Company
direct: 972-628-1651
fax: 972-701-0351
mobile: 972-998-9116
lance.taylor@meritenergy.com



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

March 5, 2004

CERTIFIED RETURN RECEIPT NO. 7002 0510 0003 8602 4880

Mr. Lance Taylor
Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Mr. Taylor,

The Division of Oil, Gas and Mining (DOGM) is in receipt of your letter dated February 13, 2004 in regards to the twenty-four (24) shut-in wells operated by Merit Energy Company (Merit). DOGM accepts Merit's plan of action to recomplate all twenty-four wells by year-end 2004. Many of the recompletions are dependent upon the success of electric submersible pumps; if this experimental procedure is not successful, keep the Division advised of any changes in Merit's plan of action. Based upon the plan of action and other information provided, DOGM approves the twenty-four (24) wells for extended shut-in until January 1, 2005. Please submit recompletion procedures and notice of intent sundries upon finalization.

For reference, Attachment A lists the wells subject to this request. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

	Well Name	API	Lease Type	Years Inactive
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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Merit Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13727 Noel, Ste 500 CITY Dallas STATE TX ZIP 75240		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
PHONE NUMBER: (972) 628-1658		8. WELL NAME and NUMBER: ARE W36-10
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315' FSL & 3185' FEL		9. API NUMBER: 4304330227
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 36 4N 7E		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East / Nugget
COUNTY: Summit		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 4/1/2004	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company proposes to re-activate this shut-in well as follows:

MIRU. Spot tanks, flowlines & kill lines. Blow well down to pit. Control with a minimal amount of 4% KCL ND WH. NU BOP. PU on tbg to shear top pkr & ris bottom pkr. TOH & LD 4-1/2" tbg. TIH w/bit & scraper to PBD @ 14430'. Rotate through perms. TOH. RU WL. RIH w/csg gun & re-perf Nugget 14104-118', 14134-173', 14186-243', 14260-340', 14364-426', 4 spf. RD. RU Weatherford Completion Systems. TIH w/ESP. ND BOP. NU WH. RDMO. Monitor surface & bottomhole pressures & oil, gas & water production rates.

COPY SENT TO OPERATOR
Date: 4-2-04
Initials: CHD

NAME (PLEASE PRINT) Karla Stines TITLE Regulatory Analyst
SIGNATURE [Signature] DATE 3/29/2004

(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 4/1/04
BY: [Signature] (See Instructions on Reverse Side)

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APR 01 2004

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Merit Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Ste 500 CITY Dallas STATE TX ZIP 75240		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch
PHONE NUMBER: (972) 628-1658		8. WELL NAME and NUMBER: ARE W 36-10
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315' FSL & 3185' FEL		9. API NUMBER: 4304330227
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 36 4N 7E		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East / Nugget
COUNTY: Summit		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/13/2004	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

5/10-22/04: MIRU. ND WH. NU BOP. Unland tbg. Rls FHL pkr @ 13758'. Rls R3 pkr @ 14316'. TOH. TIH w/bit & scraper to 14451'. TOH. RU WL. TIH w/perf gun. Perf'd Nugget fr/14104-118', 14134-173', 14186-243', 14260-340', 14364-426' w/4 spf (1008 total holes). TIH w/ESP. Land tbg w/end of pump @ 14002'. ND BOP. NU WH. RDMO.

8/31-9/9/04: MIRU. ND WH. NU BOP. TIH w/pkr. Set @ 14105'. Fill csg w/192 bbls 4% KCL. Tested csg to 1000 psi. RU. Tested lines. Pumped 10,000 gals 7% HCL w/rock salt diverter. Rls pkr. TOH. TIH w/pump. Land tbg. ND BOP. NU WH. RDMO.

NAME (PLEASE PRINT)

Karla Stines

TITLE

Regulatory Analyst

SIGNATURE

DATE

4/5/2005

(This space for State use only)

RECEIVED

APR 11 2005

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		8. WELL NAME and NUMBER: ARE W36-10
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		9. API NUMBER: 43043302270000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315 FSL 3185 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 36 Township: 04.0N Range: 07.0E Meridian: S		9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST
		COUNTY: SUMMIT
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company request approval to Plug & Abandon the above referenced well according to the attached producer and WBD's.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: October 28, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/14/2015



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43043302270000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Move Plug #2: This plug should be moved down hole and spotted across the Twin Creek formation top from $\pm 12400'$ to $12287'$ (20 sx minimum).**
- 3. Add Plug #3: A 100' plug (± 20 sx) shall be spotted across the Preuss formation top from $\pm 10300'$ to $10200'$. This will isolate the salt zones from fresh waters uphole.**
- 4. Note Plug #5: CICR shall be set @ $\pm 5939'$.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 8. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 10. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Wellbore Diagram

r263

API Well No: 43-043-30227-00-00 Permit No: Well Name/No: ARE W36-10
Company Name: MERIT ENERGY COMPANY
Location: Sec: 36 T: 4N R: 7E Spot: NESW
Coordinates: X: 491078 Y: 4542863
Field Name: ANSCHUTZ RANCH EAST
County Name: SUMMIT

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (cf/ft)
HOL1	5939	17.5			
SURF	5939	13.375	68		
HOL2	12437	12.25			
PROD	12437	9.625	53.5		2517
HOL3	15198	8.5			
PKR	14106	7			
LI	15198	7	32		4.937
CIBP	14440	7			
1091	13888	2.875			

Cement Information

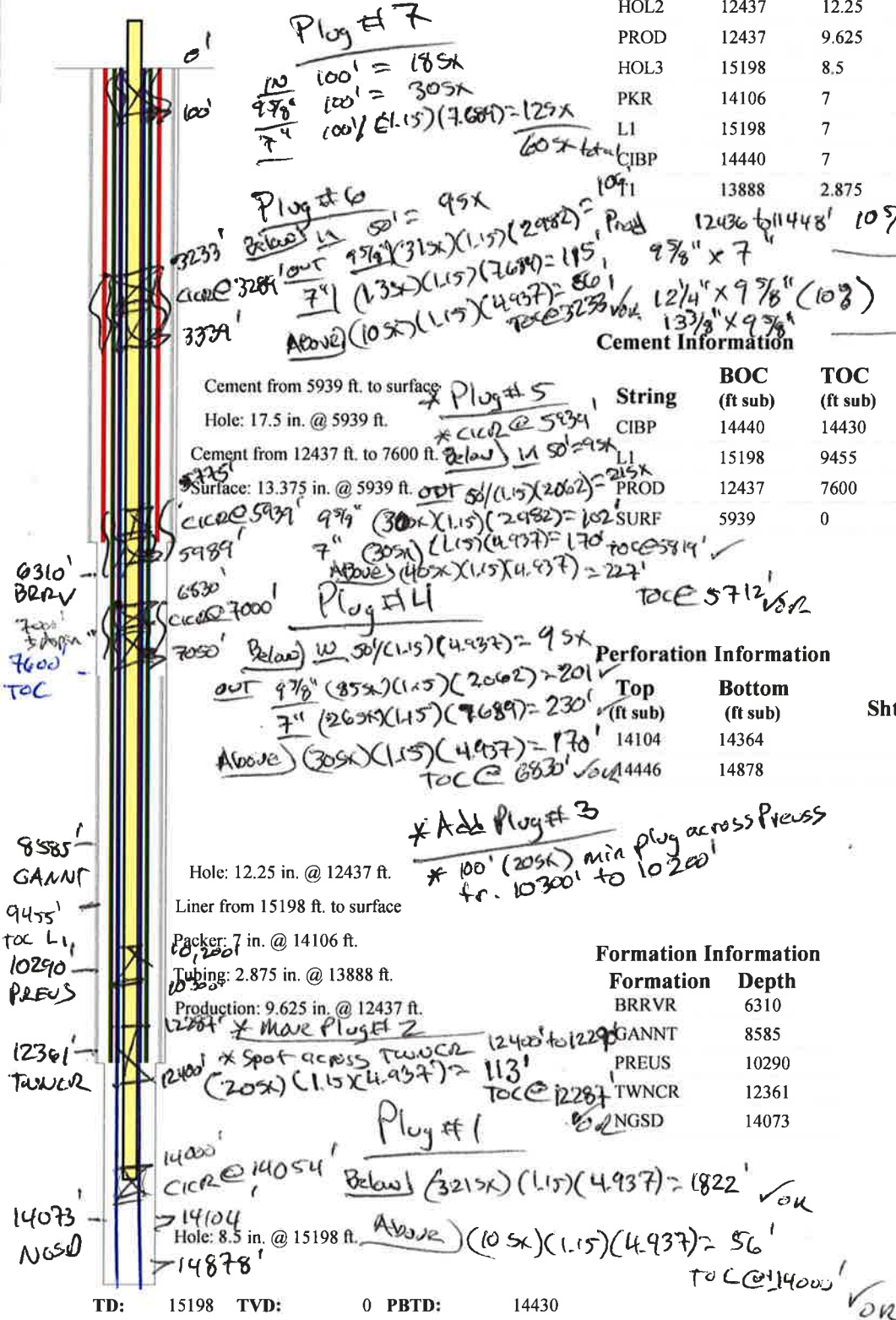
Cement from 5939 ft. to surface	String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
Hole: 17.5 in. @ 5939 ft.	CIBP	14440	14430		
Cement from 12437 ft. to 7600 ft.	LI	15198	9455	UK	390
Surface: 13.375 in. @ 5939 ft.	PROD	12437	7600	UK	1450
	SURF	5939	0	UK	6000

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
14104	14364			
14446	14878			

Formation Information

Formation	Depth
BRRVR	6310
GANNT	8585
PREUS	10290
TWNCR	12361
NGSD	14073



TD: 15198 TVD: 0 PBTD: 14430

**ARE W 36-10
API# 43-043-30227
NE-SW Sec 36 T04N-R07E
2315' FSL & 3185' FEL
Anschutz Field
Summit County, Utah**

Plug & Abandoned Procedure

GL: 8,337'
TD: 15,193
PBTD: 14,430' (CIBP at 14,440'w/10' on top)
Lat/Long: 41.03694, -111.10615

Perforations:

Nugget – 14,104' to 14,364'

Casing/ Tubing:

Surface: 13-3/8" 61-72# at 5,939' **Hole size:** 17-1/2" **TOC:** Surface
Intermediate: 9-5/8" and 10-5/8" 47-101.4# at 12,437' **Hole size:** 12-1/4" **TOC:** 7,112' (Calc)
Production: 7" 32# 0'-15,193' **Hole size:** 9-1/2" **TOC:** 9,455' (Calc)
Tubing: 2-7/8" N-80 at 13,888'

Procedure:

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure
 - (If present call Logan Lowenstein #281-235-9207 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, ND wellhead, NU BOP
5. TOH and tally tubing, stand back 14,054', LD remaining tubing and BHA
6. PU 7" 32# casing scraper and bumper sub, TIH to 14,054', pick up work string as needed, TOH, LD BHA
7. PU 7" 32# CICR, TIH and set at 14,054'
8. Pressure test tubing, establish IR into CICR, pressure test casing to 500psi for 15 minutes
 - (If no IR or pressure test(s) fail, call Logan Lowenstein and Craig Owen for orders)
9. Pump 350 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement, 321 sxs under and 10 sxs on top
 - (321 sxs is 1,823' inside 7" 32# casing,+ 19 sxs excess, 10 sxs is 56' inside 7" casing, TOC: 13,484')
10. TOH, LD to 13,000'
11. Roll hole with 468 bbl water with corrosion inhibitor
12. TOH, LD to 11,041'
13. Pump 20 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement balance plug
 - (20 sxs is 130' inside 7" 32# casing, TOC: 10,927')
14. TOH, stand back 7,000' to derrick

**ARE W 36-10
API# 43-043-30227
NE-SW Sec 36 T04N-R07E
2315' FSL & 3185' FEL
Anschutz Field
Summit County, Utah**

Plug & Abandoned Procedure

15. RU wireline, TIH and perf 7" casing at 7,050' through 7" and 9-5/8" casings, TOH, RD wireline
16. Establish IR into perfs in 7" X 9-5/8" annulus and 9-5/8" X 13-3/8" annulus
 - (If no IR call Logan Lowenstein and Craig Owen for orders)
17. PU 7" 32# CICR, TIH and set at 7,000'
18. Pump 150 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement , 94 sxs in 9-5/8" X 13-3/8" annulus, 26 sxs into 7" X 9-5/8" annulus and 30 sxs on top of CICR
 - (94 sxs is 227' inside 9-5/8X13-3/8" annulus, 26 sxs is 188' in 7" X 9-5/8" annulus, 30 sxs is 170' in 7" casing, TOC: 6,829')
19. TOH, stand back 5,989' to derrick
20. RU wireline, TIH and perf at 5,989' with high penetration charges through 7" and 9-5/8" casings, TOH, RD wireline
21. TIH tubing to 5,989'
22. Establish circulation in 7" and 9-5/8" annulus and 9-5/8" and 13-3/8" annulus
23. Pump 130 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement, displacing 60 sxs into 9-5/8" X 13-3/8" annulus, 30 sxs into 7" X 9-5/8" annulus and leaving 40 sxs inside 7" casing
 - (60 sxs is 219' in 9-5/8" X 13-3/8" annulus, 30 sxs is 239' inside 7" X 9-5/8" annulus, 40 sxs is 214' inside 7" casing, TOC: 5,775')
24. TOH, WOC
25. TIH and tag to verify TOC at 5,839' or shallower
26. TOH, stand back 3,289' to derrick
27. RU wireline, TIH and perforate 7" and 9-5/8" casings at 3,339', TOH, RD wireline
28. Establish circulation through 7" X 9-5/8" annulus and 9-5/8" X 13-3/8" annulus
29. PU 7" 32# CICR, TIH and set at 3,289'
30. Pump 63 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement displacing 40 sxs into 9-5/8" X 13-3/8" annulus, 13 sxs into 7" X 9-5/8" annulus and leaving 10 sxs inside 7" casing
 - (40 sxs is 96' in 9-5/8" X 13-3/8" annulus, 13 sxs is 94' inside 7" X 9-5/8" annulus, 10 sxs is 56' inside 7" casing, TOC: 3,233')
31. TOH, LD tubing
32. RU wireline, TIH and perforate 7" and 9-5/8" casings at 100', TOH, RD wireline
33. Establish circulation to surface
34. Pump 75 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface in casing and annulus
35. TOH, LD tubing, RDMO, ND BOP, NU wellhead
36. Dig up wellhead and cut off 3' below restored ground level
37. Weld on cap with ID plate, backfill, clean location, P&A complete

WELL NAME:	ARE W36-10 Current			FIELD:	ANSCHUTZ RANCH EAST		
QTR QTR:	SEC:	36	TWN:	4N	RNG:	7E	
COUNTY:	SUMMIT	ST:	UT	SPUD DATE:	08/19/83		
KB:	8357	GL:	8337	TD:	15195	PBTD:	API: 43-043-30227
LAST UPDATED:	06/04/14			BY:	Max Berglund		

CASING DETAILS

PURPOSE	SIZE	WEIGHT	GRADE	SET DEPTH
SURFACE	13-3/8"	61-72#	S-80, S-95	5939'
INTERMEDIATE	9-5/8", 10-5/8"	47-101.4#	N-80, S-95, HC-95	12437'
PRODUCTION	7"	32#	N-80, S-95	15193'

Has an additional 20" surface casing string set @ 102', not shown on WBS

TUBING DETAILS

DESCRIPTION	SIZE	WEIGHT	GRADE	SET DEPTH
188 jts	2 7/8"	7.9#	N-80	
X over				
258 jts	2-7/8"	6.5#	N-80	
X nipple	1.875 profile			
1 jt	2-7/8"	6.5#	N-80	
drain sub				
1 jt + 6' jt	2-7/8"	6.5#	N-80	
ESP Motor				13,888.30

Tubing as of August 2008

36-10 WELL HISTORY:

Mar-84	Complete Z2 only (14,364'-14,632')
Oct-85	Perf Z1 & test (14,104'-14,296')
Dec-85	PLT
Mar-87	Install 4-1/2" tubing
Dec-88	Perf Lower Z2 & Z3 (14,654'-14,878')
Jan-89	Isolate Z1 w/ SS
Feb-89	PLT
Mar-90	Open SS @ 14278
Aug-92	Change water meter factor
Oct-93	Loop 4" flowline
Apr-99	Set CIBP @ 14440 w/ 10' cement on top
May-04	Install ESP reperf 14,104'-14,426' adding holes at 14,4260'-14,340'.
Aug-04	Set packer at 14,105 and test casing to 1000 psi, acidize through packer.
May-06	Pull ESP and run new tag BP at 14,451' (tubing depth)
Jun-08	Pull ESP, trip scraper and run ESP.

NUGGET PERFS

14104-118, 14134-173
 14186-243, 14265-296
 14260-340, 14364-426

CIBP @ 14440 w/ 10' cmt

14446-504, 14520-632
 14654-730, 14746-810
 14818-878

WELL NAME:	ARE W36-10 Proposed			FIELD:	ANSCHUTZ RANCH EAST		
QTR QTR:	SEC:	36	TWN:	4N	RNG:	7E	
COUNTY:	SUMMIT	ST:	UT	SPUD DATE:	08/19/83		
KB:	8357	GL:	8337	TD:	15195	PBTD:	API: 43-043-30227
LAST UPDATED:	06/04/14			BY:	Max Berglund		

CASING DETAILS

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1 jt	2-7/8"	6.5#	N-80	
drain sub				
1 jt + 6' jt	2-7/8"	6.5#	N-80	
ESP Motor				13,888.30

Tubing as of August 2008

36-10 WELL HISTORY:

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Oct-85	Perf Z1 & test (14,104'-14,296')
Dec-85	PLT
Mar-87	Install 4-1/2" tubing
Dec-88	Perf Lower Z2 & Z3 (14,654'-14,878')
Jan-89	Isolate Z1 w/ SS
Feb-89	PLT
Mar-90	Open SS @ 14278
Aug-92	Change water meter factor
Oct-93	Loop 4" flowline
Apr-99	Set CIBP @ 14440 w/ 10' cement on top
May-04	Install ESP reperf 14,104'-14,426' adding holes at 14,4260'-14,340'.
Aug-04	Set packer at 14,105 and test casing to 1000 psi, acidize through packer.
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CICR

NUGGET PERFS

14104-118, 14134-173

14186-243, 14265-296

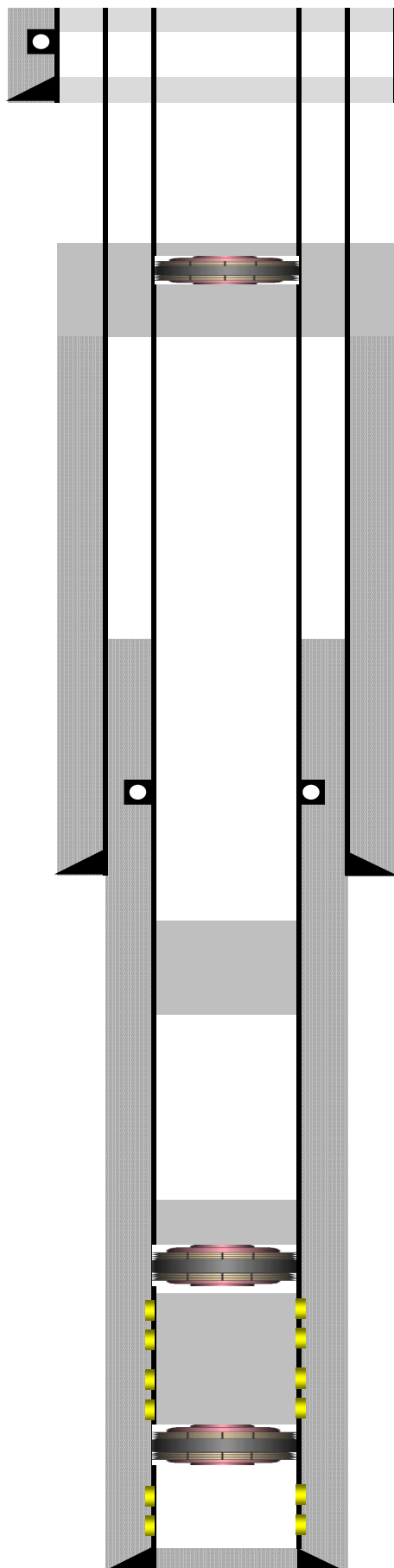
14260-340, 14364-426

CIBP @ 14440 w/ 10' cmt

14446-504, 14520-632

14654-730, 14746-810

14818-878



● DV TOOL. 13-3/8" @ 1020'; 7" @ 12440'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		8. WELL NAME and NUMBER: ARE W36-10
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2315 FSL 3185 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 36 Township: 04.0N Range: 07.0E Meridian: S		9. API NUMBER: 43043302270000
9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST		COUNTY: SUMMIT
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/17/2016
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Merit Energy Plugged and Abandon the aforementioned well on 02/17/2016 witnessed by Ammon Field Inspector with Utah Division of Oil, Gas, and Mining. Please see the attached Daily Summary for details of work done.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 18, 2016

NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/17/2016	



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: ARE W 36 10

Accounting ID 7627-02	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330227	Lease Unassigned	Unit Name
Working Interest 0.5962	Original KB Elevation (ft)	SAP Latitude 41.0369900000	SAP Longitude -111.1054000000	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group Anschutz Ranch Unit	Producing Status Shut In-Eng Eval

Job Category Plug & Abandon	Primary Job Type Permanently Abandon Well	Job Start Date 11/4/2015	Job End Date
Daily Operations			
Report Start Date 11/11/2015		Primary Activity MIRU	
Operations Summary Held safety mtg, blew well down to flare pit, N/D well head & flow line, N/U BOPs, R/U rig & support equipment, secure well SDON.			
Report Start Date 11/12/2015		Primary Activity TOH 2 7/8" tbg / L/D ESP	
Operations Summary Held safety mtg, SITP 0# SICP 0#, P/U 10' pup 2 7/8" P110 EUE landing jt, release hanger, (Note: hanger would not come free from spool had to work up spool came free) pull wt off bottom 138K, L/D landing jt w/ hanger, X over 2 7/8" EUE pin x 2 7/8" PH6 pin, Stand back 108 jts 2 7/8" PH6 P110 7.9# tbg, 80 jts 2 7/8" 7.9# N-80 PH6 tbg, spool up 300' 3/8"ss cap string, spooling ESP wire cable, L/D X over 2 7/8" PH6 box x 2 7/8" EUE pin, Stand back 82 jts 2 7/8" 6.5# N-80 EUE tbg, EOT @ 5448', secure well SDON.			
Report Start Date 11/13/2015		Primary Activity TOH 2 7/8" tbg / L/D ESP / TIH 2 7/8" tbg	
Operations Summary Held safety mtg, SIP 0#, TOH stand back 94 jts 2 7/8" 6.5# N80 EUE tbg, spooling ESP wire cable, L/D 1 jt 2 7/8 6.5# N80 EUE tbg, Drain sub, 1 jt 2 7/8" 6.5# N80 EUE tbg, 6' pup 2 7/8" 6.5# N80, ESP assembly, R/D spooler, TIH 2 jts 2 7/8" tbg, X nipple, 257 jts 2 7/8" 6.5# N80 EUE tbg out of derrick, X over 2 7/8" PH6 box X 2 7/8" EUE pin, 188 jts 2 7/8" 7.9# PH6 tbg out of derrick, P/U 10' pup 2 7/8" P110 EUE landing jt,w/ hanger hang off tbg, EOT 13784' R/D floor, secure well SDON.			
Report Start Date 11/14/2015		Primary Activity RDMO	
Operations Summary Held safety mtg, SIP 0#, N/D BOPs, N/U well head, RDMO			
Report Start Date 11/20/2015		Primary Activity	
Operations Summary			
Report Start Date 1/24/2016		Primary Activity MIRU	
Operations Summary Move plugging equipment from 30-06 to 36-10.			
Report Start Date 1/25/2016		Primary Activity R/U POH 2 7/8" tbg	
Operations Summary Held safety mtg, SIP Opsi ,Dig out surface valves, N/D well head, N/U BOPs, P/U 10' 2 7/8" EUE P110 8.9# landing jt, unland hanger, POH, L/D Landing jt, 7" hanger, X over, TOH, L/D 143 jts 2 7/8" 7.9# PH6 tbg, EOT @ 9319' secure well SDON.			
Report Start Date 1/26/2016		Primary Activity TOH 2 7/8" tbg / R/U E line set CICR	
Operations Summary Held safety mtg, SIP Opsi, TOH L/D 45 jts 2 7/8" 7.9# PH6 tbg, stand back 258 jts 2 7/8" 6.5# N80 tbg, L/D 1 jt 2 7/8" tbg, R/U E line, RIH cable head FN 1.44 OD, ccl, 5.718 GR w/ basket, run collar strip tie into DV tool 12436' correlate to (ccl log OWP Acoustic cmt bond / gamma ray log Amoco Production co, Anschutz ranch east W36-10 sec 36 / twp 4N / rge 7E summit Utah make -22' correction) run in depth 14104' WLM, POH L/D ccl GR w/ basket, RIH ccl, 7" CICR 5.69 OD w/ setting tool, set @ 14054' between collars, POH tools, R/D E line secure well SDON.			
Report Start Date 1/27/2016		Primary Activity TIH 2 7/8" tbg/ load hole	
Operations Summary Held safety mtg, SIP Opsi, P/U stinger, TIH Talley 452 jts 2 7/8" 6.5# EUE N80 tbg, sting into CICR, EOT @ 14066' MD, 20K down, Haul in location 180 bbls FW, secure well SDON.			
Report Start Date 1/28/2016		Primary Activity Load / Roll hole	
Operations Summary Held safety mtg, SIP Opsi, pump 180 bbls Broke circ down tbg up 7" csg, pump total 350bbls w/ C-6005 inhibitor, drain up secure well SDDO.			
Report Start Date 2/4/2016		Primary Activity Load / Roll hole	
Operations Summary Held safety mtg, SIP Opsi, Work up cold weather issues, (State Utah Lisha Cordova 1-801-538-5296 onsite), Pump 150bbls Fw W/ C-6005 inhibitor, broke circ down tbg up 7" csg, roll out total 500 bbls, pressure test csg 500 psi 15 min good, sting into CICR set 20K down, unable to get injection, sting out and sting back in still unable to get injection rate pressure up 1500 psi, (State Utah approved to spot 30 sxs cmt on top CICR) TOH L/D 5 jts 2 7/8" tbg, EOT 13903', winterize, SDON.			
Report Start Date 2/5/2016		Primary Activity Pump cmt plug	
Operations Summary Held safety mtg, SIP Opsi, (State Utah Lisha Cordova 1-801-538-5296 onsite) Pump 1 bbls Fw broke circ down tbg up 7" csg, Mix & Pump 30 sxs class G cmt 15.8 ppg, yield 1.15, slurry 5.3 bbls cmt, Pump 2 bbls Fw, 30 sxs cmt 2 bbls Fw, displ 78 bbls Fw TOC @ 13900' (Note: see returns during displ tbg on vac), TOH L/D 17 jts, tbg went wet try to pump down tbg pressure up 1000 psi, continue to L/D 5 jts 2 7/8" tbg, (Note: State Utah / Magna, want to tag TOC in am, evaluate, cut tbg. PUH set balance plug 12400') EOT jt 431 @ 13372', secure well winterize, SDON.			



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: ARE W 36 10

Accounting ID 7627-02	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330227	Lease Unassigned	Unit Name
Working Interest 0.5962	Original KB Elevation (ft)	SAP Latitude 41.0369900000	SAP Longitude -111.1054000000	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSHTZ	Accounting Group Anschutz Ranch Unit	Producing Status Shut In-Eng Eval

Daily Operations

Report Start Date 2/6/2016	Primary Activity Cut tbg / pump cmt plug
Operations Summary Held safety mtg, SIP Opsi, (State Utah Lisha Cordova 1-801-538-5296 onsite), TIH 18 jts 2 7/8" 6.5# N80 tbg tag TOC @ 13950' MD in on jt 450, TOH L/D 2 jts 2 7/8" tbg EOT @ 13886' MD jt 448, R/U E line, RIH down tbg tag cmt, 2.125 OD GR w/ basket, ccl, wt bar, cable head FN 1.44, tag up @ 13518' WLM, (State Utah approved cut tbg Lisa Cordova & Engineer Dan Jarvis), POH, RIH down tbg, 2.063 jet cutter cut tbg @ 13510' WLM let fall to bottom leaving 11.5 jts in hole, TOF @ 13588' MD, POH, R/D E line, TOH L/D 36 jts 2 7/8" tbg EOT @ 12410' MD in on jt 401, winterize, secure well SDON.	
Report Start Date 2/7/2016	Primary Activity Pump cmt plug
Operations Summary Held safety mtg, SIP Opsi, (State Utah Lisha Cordova 1-801-538-5296 onsite) Pump balance plug 12400'-12287', Load hole 4 bbls Fw see clean returns, Mix & Pump 20 sxs class G cmt yield 1.15, 15.8 ppg, slurry 4 bbls cmt, Pump 4 bbls Fw, 20 sxs class G cmt yield 1.15, 15.8 ppg, slurry 4 bbls cmt, 4 bbls Fw, displ 67.5 bbls Fw w/ C-6005 inhibitor TOC @ 12286', POH stand back 34 jts 2 7/8" tbg EOT @ 11343' in on jt 367, reverse circ 75 bbls Fw w/ C-6005 inhibitor, TOH stand back 4 jts 2 7/8" tbg drop FL for winterization EOT @ 11217' in on jt 363, tag in am, secure well SDON.	
Report Start Date 2/8/2016	Primary Activity Tag balance plug / Pump cmt plug
Operations Summary Held safety mtg, SIP Opsi, (State Utah Ammon 1-801-808-0016 onsite), TIH 35 jts 2 7/8" 6.5# N80 tbg, Tag 5' out on jt 398 12310' State is good w/ tag, TOH L/D 67 jts 2 7/8" tbg EOT 10302' in on jt 334, Break circ 5 bbls Fw see clean returns, Mix & Pump 30 sxs class G cmt yield 1.15, 15.8 ppg, slurry 6 bbls cmt, Pump 4 bbls Fw, 30 sxs class G cmt yield 1.15, 15.8 ppg, slurry 6 bbls cmt, 4 bbls Fw, displ 54.5 bbls Fw w/ C-6005 inhibitor, 166' plug, TOC @ 10136', Reverse circ 70 bbls Fw w/ C-6005 inhibitor, TOH L/D 107 jts 2 7/8" tbg, continue TOH stand back 226 jts 2 7/8" tbg in derrick, L/D 1 jt 2 7/8" tbg w/ cut jt, tag in am w/ EWL, secure well SDON.	
Report Start Date 2/9/2016	Primary Activity Tag / Perf / set CICR
Operations Summary Held safety mtg, SIP Opsi, (State Utah Ammon 1-801-808-0016 onsite), R/U EWL, RIH ccl, perf gun 4spf, tag TOC @ 10074' WLM, PUH run collar strip, run tie pass perforate 7" x 9 5/8" 7050' WLM between collars POH, R/D EWL, P/U CICR 5.69 OD w/ setting tool, L/D 4 jts 2 7/8" tbg cmt in tbg TIH 222 jts 2 7/8" 6.5# N80 tbg out derrick, P/U 7 jts off trailer set CICR @ 7000' MD 229 jts in hole EOT 7000', sting out pump 29 bbls Fw w/ C-6005 inhibitor break circ down tbg up 7" pressure test CICR 500 psi, sting into CICR, open 13 3/8" pump 18 bbls catch pressure unable to get inj rate pressure up 1200 psi, open 7" x 9 5/8" Pump 1 bbl catch pressure, get injection rate 2.5 bmp 200 psi circ out 162 bbls Fw w/ C-6005 inhibitor, (Note: State Utah approved to pump 35 sxs cmt below CICR due to no inj in 13 3/8" annuals), Mix and pump 65 sxs class G cmt 15.8 ppg yield 1.15, slurry 13.3 bbls cmt, open 9 5/8" Pump 4 bbls Fw Pump 26 sxs class G cmt 15.8 ppg yield 1.15 slurry 5.3 bbls cmt 7" x 9 5/8" annuals, close 9 5/8" Pump 9 sxs class G cmt 15.8 ppg yield 1.15 slurry 1.8 bbls cmt below CICR, sting out Pump 30 sxs class G cmt 15.8 ppg yield 1.15 above CICR, 4 bbls Fw, displ 30.5 bbls Fw w/ C-6005 inhibitor TOC @ 6830', TOH L/D 33 jts 2 7/8" tbg, reverse circ 45 bbls Fw, stand back 24 jts 2 7/8" tbg EOT @ 5254', winterize secure well SDON.	
Report Start Date 2/10/2016	Primary Activity TIH / perf / Set CICR / pump cmt plug
Operations Summary Held safety mtg, SIP Opsi, (State Utah Ammon 1-801-808-0016 onsite), TOH 170 jts 2 7/8" tbg, R/U EWL, RIH ccl, perf gun 4spf, run collar strip, run tie pass perforate shoe 5989" WLM between collars POH, R/D EWL, P/U CICR 5.69 OD w/ setting tool, TIH 194 jts 2 7/8" 6.5# N80 tbg out derrick, set CICR @ 5939" MD, sting out pump 10 bbls Fw w/ C-6005 inhibitor break circ down tbg up 7" pressure test CICR 500 psi, sting into CICR, open 13 3/8" pump 4 bbls catch pressure unable to get inj rate pressure up 1200 psi, open 7" x 9 5/8" Pump 1 bbl catch pressure, get injection rate 2.5 bmp 200 psi, (Note: State Utah approved to pump 39 sxs cmt below CICR due to no inj in 13 3/8" annuals), Mix and pump 99 sxs class G cmt 15.8 ppg yield 1.15, slurry 20.2 bbls cmt, open 9 5/8" Pump 4 bbls Fw, Pump 30 sxs class G cmt 15.8 ppg yield 1.15 slurry 6.1 bbls cmt 7" x 9 5/8" annuals, close 9 5/8", open 7" Pump 9 sxs class G cmt 15.8 ppg yield 1.15 slurry 1.8 bbls cmt below CICR, sting out Pump 60 sxs class G cmt 15.8 ppg yield 1.15 slurry 12.2 bbls cmt above CICR, 4 bbls Fw, displ 30.5 bbls Fw w/ C-6005 inhibitor TOC @ 5601', TOH L/D 50 jts 2 7/8" tbg, reverse circ 40 bbls Fw w/ C-6005 inhibitor, continue L/D 38 jts 2 7/8" tbg, stand back 108 jts 2 7/8" tbg EOT @ 3291' in derrick, winterize secure well SDON	
Report Start Date 2/11/2016	Primary Activity Perf / Set CICR / pump cmt plug
Operations Summary Held safety mtg, SIP Opsi, (State Utah Lisha Cordova 1-801-538-5296 onsite), R/U EWL, RIH ccl, perf gun 4spf, run collar strip, run tie pass perforate 3342' WLM between collars POH, R/D EWL, P/U CICR 5.69 OD w/ setting tool, TIH 108 jts 2 7/8" 6.5# N80 tbg out derrick, set CICR @ 3289' MD, sting out pump 5 bbls Fw w/ C-6005 inhibitor break circ down tbg up 7" pressure test CICR 500 psi, sting into CICR, open 13 3/8" pump 4 bbls catch pressure unable to get inj rate pressure up 1500 psi try to break down perfs unable, open 7" x 9 5/8" Pump 1 bbl catch pressure, get injection rate 2.5 bmp 200 psi, (Note: State Utah approved to pump 40 sxs cmt below CICR due to no inj in 13 3/8" annuals), Mix and pump 50 sxs class G cmt 15.8 ppg yield 1.15, slurry 10.2 bbls cmt, open 9 5/8" Pump 4 bbls Fw, Pump 30 sxs class G cmt 15.8 ppg yield 1.15 slurry 6.1 bbls cmt 7" x 9 5/8" annuals cmt below CICR, sting out Pump 10 sxs class G cmt 15.8 ppg yield 1.15 slurry 2 bbls cmt above CICR, 4 bbls Fw, displ 9.7 bbls Fw w/ C-6005 inhibitor TOC @ 3233', TOH L/D 108 jts 2 7/8" tbg, P/U TCP gun, TIH 3 jts 2 7/8" tbg perf 100' surface, TOH L/D 3 jts TCP gun, R/D rig, winterize secure well SDON.	
Report Start Date 2/16/2016	Primary Activity Dig out well head / Pump surface plug / cut off well head
Operations Summary Held safety mtg, (State Utah Ammon 1-801-808-0016 onsite), Cut off surface metal around well head, Pump down 7" close 9 5/8" open 13 3/8" pump 290 bbls Fw w/ C-6005 inhibitor @ 600 psi 3.5 bpm, unable to break circ up 13 3/8" annuals bleeds off communication on back side, (State Utah Dustian Doucet 1-801-538-5281 proceed to pump plug as planned), Mix and pump 60 sxs class G cmt 15.8 ppg, yield 1.15, slurry 12.2 bbls cmt. Pump down 7" open 9 5/8" break circ, pump 32 sxs class G cmt 15.8 ppg yield 1.15, slurry 6.5 bbls cmt see returns close 9 5/8" annuals, open 13 3/8" annuals pump 18 sxs class G cmt 15.8 ppg, yield 1.15 slurry 3.6 bbls cmt, drain up winterize SDON.	



MERIT ENERGY COMPANY

Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:

Report #

Well Name: ARE W 36 10

Accounting ID 7627-02	Original Spud Date	Operator MERIT ENERGY COMPANY	SAP API Number 004304330227	Lease Unassigned	Unit Name
Working Interest 0.5962	Original KB Elevation (ft)	SAP Latitude 41.0369900000	SAP Longitude -111.1054000000	Total Depth	KB Adjustment (ft)
Field Name ANSCHUTZ RANCH EAST	County SUMMIT	State/Province UTAH	Field Office ANSCHUTZ	Accounting Group Anschutz Ranch Unit	Producing Status Shut In-Eng Eval

Daily Operations

Report Start Date 2/17/2016	Primary Activity Cut off well head / RDMO
Operations Summary Held safety mtg, (State Utah Ammon 1-801-808-0016 onsite), Cut off ewll head top off surface plug 16 sxs class G cmt 15.8 ppg, yeild 1.15 slurry 3.2 bbls cmt, weld on plate info State good with plugging back fill hole, RDMO.	

Magna Energy Services, LLC
20661 Niobrara Blvd.
LaSalle, Colorado
Phone: (970)8678374
Fax (970) 660-9119

Job Log

Date: 2-17-16

Operator: Merit Energy

Well Name: ARE W 36-10

Legal Location: Sec. 36, Twnshp. 4N, Rng. 7E

API # : 43-043-30227

1-25-16: JSA, Remove Snow Around well Head, RUWOR, Dig Out Well Head, Check Pressures; 0 Psi. Tbg., 10 Psi. 7", 0 Psi. 9 5/8", 0 Psi. 13 3/8", NNWH, NUBOP, R/U Floor, Tie Back 6 Line Single slow, Pull Hanger (Had to work free @ 120k), L/D 143 Jts. 2 7/8" P-110 7.9#, Tie Back double Fast, SWIFN, SDFN

1-26-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 9 5/8", 0 Psi. 13 3/8", L/D 45 Jts. 2 7/8" P-110 7.9# (188 Jts. Total), TOOH w/ 259 Jts. 2 7/8" N-80, R/U Magna Wireline, RIH w/ 5.71 Gauge Ring to 14,100, POOH, RIH w/ 7" CICR, Set @ 14,054', POOH, RDWL, SWIFN, SDFN

1-27-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 9 5/8", 0 Psi. 13 3/8", Maintenance Equip., P/U Stinger, TIH w/ 258 Jts. 2 7/8" N-80 6.5# (Tallied), Spot in Tbg. Trailer, P/U 195 Jts. 2 7/8" N-80 6.5# (Tied back @ 74K, (453 Jts. total Tallied), Tagged CICR @ 14,066', C/O to YT Elevators (Weighing 100K), L/D 1 Jt. 452 Jts. total in Hole, SWIFN, SDFN

1-28-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7", 0 Psi. 9 5/8", 0 Psi. 13 3/8", Thaw out Valves, Pump down Tbg. up 7" To role the hole, Broke Circ. @ 180 bbls., Pumped 350 bbls. Total, Winterize Equip, SWIFN, SDFN

2-4-16: JSA, Plow Location Due to Snow Drifts, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., Thaw out All Valves on tanks and Pump (Flash Freezing), Pump 150 bbls. Corrosion Inhibitor water down Tbg. up 7" Csg. (500 Bbls. Total), Pressure Test Csg. to 500 Psi. for 15 Min. (Good), Bleed off, P/U 1 Jt. 2 7/8" (453 Jts. in the hole), Sting into CICR w/ 20k down, Attempt Injection Rate (Pressured up to 1500 Psi. w/ NO Bleed Off), Bleed off Tbg. (State Approved to Put 30 sxs. ontop of CICR), L/D 5 Jts., Winterize Equip. SWIFN (-20 Degrees out and Kept Flash Freezing while Pumping), Fix tire Chains on Cementer, SDFN

2-5-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., TIH w/ 5 Jts. 2 7/8" Tbg., 453 Jts. total. EOT @ 14,065', Thaw out Equip., Break Circ. w/ 1/2 Bbl., Clean and Prep Cementer, Pump 2 bbls. Fresh, 30 sxs. cement, 2 bbls. Fresh, Displ. w/ 78 bbls. Corrosion Inhibited water (TOC @ 13,900'), L/D 16 Jts. 2 7/8" Tbg.,(Dry), L/D 1 Jt. (17 total)EOT 13,541', (Pulled wet), Attempt to Reverse Circ., Pressured up to 1200 Psi. w/ NO Bleed off, L/D 5 Jts. 2 7/8" Tbg., 22 Jts. Total, EOT @ 13,385', SWIFN, Winterize Equip., SDFN

2-6-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., P/U 18 Jts., Tagged cement @ 13,950', L/D 2 Jts. 2 7/8" Tbg., Maintenance on Equip. while waiting on Magna WireLine, JSA, R/U Magna WL, P/U 2.125 GRJB, Tagged @ 13,518', POOH, RIH w/ 2.063 Jet Cutter, Cut Tbg. Off @ 13,510', POOH, RD WL, L/D 36 Jts. 2 7/8", (401 Jts. total in the hole, EOT @ 12,405'), SWIFN, SDFN

2-7-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., Thaw out Valves, Break Circ. w/ 4 Bbls., EOT @ 12,405', Pump 4 bbls. Fresh, 20 sxs. cement, 4 Bbls. Fresh, Displ. w/ 67 Bbls. Corrosion Inhibited Water (TOC @ 12,295'), TOO H w/ 34 Jts. 2 7/8" Tbg., EOT @ 11,343' w/ 367 Jts. in the hole, Reverse Circ. w/ 78 Bbls., TOO H w/ 4 Jts. 2 7/8" Tbg., (38 Jts. out total), EOT @ 11,217' w/ 363 Jts. in the hole., Change Pipe Ram Rubbers, Winterize Equip., SWIFN, SDFN

2-8-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., TIH w/ 35 Jts. 2 7/8" N-80 Tbg. (398 Jts. Total), Tagged Balance Plug @ 12,310 (State Approved), L/D 67 Jts. On Trailer, (334 Total in the Hole), EOT 10,302', Tied Back, Thaw Equip., Break Circ. w/ 4 bbls. Corrosion Inhibited Water, Pump 4 Bbls. Fresh, 30 Sxs. Cement, 4 Bbls. Fresh, Displ. w/ 54.5 Bbls. Corrosion Inhibited Water, L/D 40 Jts., Reverse Circ. w/ 65 Bbls. (No Cement in Returns), L/D 67 Jts. (Meant to L/D 65 Jts), TOO H w/ 226 Jts. in Derrick, L/D 1 Jt. And Cut Jt., Change Tong Dies and Drags, Winterize Equip., SWIFN,SDFN

2-9-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., JSA, w/ Magna Wireline, R/U WL, RIH w/ 4 Shot Squeeze Gun, Tag Balance Plug @ 10,074', POOH to 7,050', Shoot 4 Holes @ 7,050', POOH, R/D WL, L/D 4 Jts. 2 7/8" Tbg. w/ Cement Scale, P/U 7" CICR, TIH w/ 222 Jts. 2 7/8" Tbg, P/U 7 Jts. (229 Jts. Total), EOT @ 7000', Set CICR, Sting out, Pump 30 Bbls. To Break Circ. In 7", Pressure Test CICR to 500 Psi. (Good), Sting in, Attempt Injection Rate into 13 3/8", 18 Bbls. To Catch Pressure, (40 Bbls. Total), Locked up to 1200 Psi. w/ No Bleed Off, Close 13 3/8", Open 9 5/8", Broke Circ. w/ 1 Bbl., Circ. 162 Bbls. Corrosion Inhibited water up 9 5/8" to Surf. @ 2 Bbl. Min. @ 200 Psi., Prep Cementer, Pump 4 Bbls. Fresh, 65 Sxs. Cement, 4 Bbls. Fresh, Displ. w/ 30.5 Bbls. Corrosion Inhibited Water, Sting out, Open 7", Displ. w/ 4.5 Bbls. (Leaving 30 Sxs. Cement ontop of CICR,TOC @ 6834'), L/D 33 Jts. 2 7/8" Tbg., EOT @ 5989', Reverse Circ. w/ 45 Bbls. (No Cement in Returns), TOO H w/ 24 Jts., EOT @ 5254', Winterize Equip. SWIFN, SDFN

2-10-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., TOO H w/ 172 Jts. (196 Total, EOT @ 5989'), JSA w/ Magna Wire Line, R/U WL, P/U 4 Shot Squeeze Gun, Shoot Holes @ 5989', POOH, R/D WL, P/U 7" CICR, TIH w/ 2 Jts. 2 7/8" Tbg., P/U 2-6' Subs, TIH w/ 192 Jts.(194 Jts. Total), Set CICR @ 5939', Sting Out, Pump 4 Bbls. To Break Circ., Pressure Test CICR to 500 Psi. (Good), Sting into CICR, Open 13 3/8", close 9 5/8", Attempt injection Rate into 13 3/8", 4 Bbls. Into Injection, Pressured up to 1200 Psi. (Tried to Surge it Free), No Bleed off, (State Approved to Proceed), Close 13 3/8", Open 9 5/8", Injection Rate @ 2.5 Bbls. Min. 200 Psi., Prep Cementer, Pump 4 Bbls. Fresh, 79 sxs. Cement, 4 Bbls. Fresh, Displ. w/ 22.5 Bbls. Corrosion Inhibited water, Sting out of CICR, Close 9 5/8", Open 7", Pump 6 Bbls. Displ. w/ Corrosion Inhibited water, L/D 86 Jts., Reverse Circ. w/ 40 bbls. (took 10 Bbls. To break Circ., TIH w/ 2 Jts., L/D 2 Jts. (88 Total L/D), TOO H w/ 106 Jts. 2 7/8", L/D 2-6' Subs, TOO H w/ 2 Jts. 2 7/8" Tbg. (108 Total), EOT in Derrick (3289'), Winterize Equip., SWIFN, SDFN

2-11-16: JSA, JSA w/ wireline, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., R/U Wire Line, RIH w/ 4 shot Squeeze Gun, shoot holes @ 3342', R/D WL, P/U 7" CICR, TIH w/ 108 Jts. 2 7/8" Tbg., Set CICR @ 3289', JSA Meeting/ Rig Inspection Meeting w/ Craig and Mark, Sting out of CICR, Pump 3 Bbls. To Break Cir., Test CICR to 500 Psi. (Good), Sting in, Attempt injection Into 13 3/8", Pressured up to 1500 Psi. w/ 200 Psi. bleed off in 10 Min., Attempt to Numerous times to surge free with no Success, Break Circ. Up 9 5/8" w/ 2 bbls. (State Approved to Put 40 sxs. Below w/ 10 on top, Pump 4 Bbls Fresh, 50 Sxs. Cement, 4 bbls. Fresh, Displ. w/ 14 Bbls. Corrosion Water, Sting out, Close 9 5/8", Open 7", Pump 1 bbl. Displ., L/D 106 Jts., TOOH w/ 2 Jts., L/D Stinger, JSA, P/U TCP Gun, TIH w/ 2 Jts., P/U 1 Jt. Of Tbg., Load the hole to Surf., Shoot holes @ 100', L/D 3 Jts. 2 7/8" tbg., R/D Floor, RDWOR, P/U Location, SWIFN, SDFN

2-12-16: JSA, Check Pressures; 0 Psi. Tbg., 0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg., NDBOP, NUWH, Prep. Equip. For Mobilization, (billy w/ Flare Was having a hard time Digging out well Due to Frost Level, Said it could Take all Day), SDFN

2-16-16: JSA, Check Pressures; 0 Psi. Csg., 0 Psi. 9 5/8", 0 Psi. 13 3/8", R/U Pump, Pump 280 Bbls. Down 7" into 13 3/8". Couldn't Break Circ., Pumping into it @ 1 Bbl. Min. @ 500 Psi., Wait on the State to Decide on what they want done, Pump 60 sxs. Cement 100' to surf. On All Annulus, still no Returns up 13 3/8", Winterize Equip., SWIFN, SDFN

2-17-16: JSA, Check Pressures; 0 Psi. Csg., 0 Psi. 9 5/8", 0 Psi. 13 3/8", Pump .5 bbls. Into 13 3/8", Pressure test to 500 Psi. (Good), Cut well head off, Pump 16 Bbls. Into 7" and 9 5/8" to Surf., Weld info Plate on, P/U Location

*** All cement used is Class "G" Neat 15.8 # ***

Cementing Contractor: Magna Energy Services, LLC
Cementing Contractor Supervisor: Daniel Norton
Operator Supervisor: Mel Wren
UT State Representative: Lisha cordova
Wireline Contractor: Magna Energy Services, LLC

Rig Hand:

[illegible]

Rig Hand:

[illegible]

Rig Hand:

Company Man Cell: 1-307-679-8010

Days on Well: 13

[illegible]

Rig Hand:

[illegible]

Company Name: Merit
API or Project #: 43-043-30227
Well Name/Number: ARE W36-10
Section/Township/Range: Sec.36,Twnship 4 N,R. 7 E
Rig #: #24
Tool Pusher: Daniel Norton
Operator: Mike Nielson
Rig Hand: Austin Jones
Rig Hand: Jose Riverra
Rig Hand:
Rig Hand:

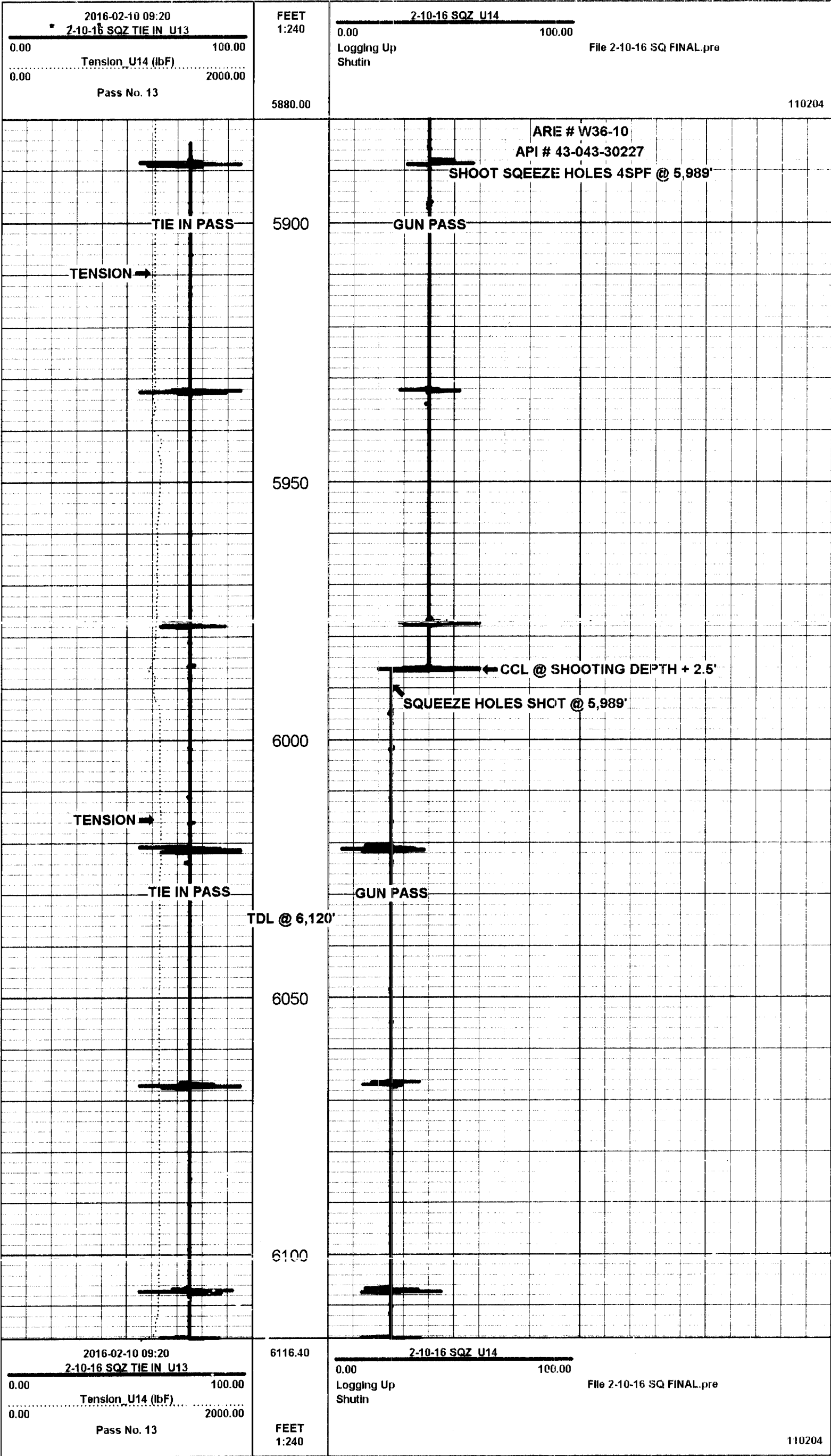
Company Man: Mel Wren
Company Man Cell: 1-307-679-8010

Today's Date: 2/10/2016
Days on Well: 11

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		11.5	13	yes
1.5		11.5	13	yes
	1.5	11.5	13	yes
	1.5	11.5	13	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"		
6:00am	7:00am	Crew Travel					
7:00am		JSA, Check Pressures; 0 Psi. Tbg.					
	7:30am	0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg.					
7:30am	8:30am	TOOH w/ 172 Jts. (196 Total, EOT @ 5989')					
8:30am		JSA w/ Magna Wire Line, R/U WL, P/U 4 Shot Squeeze Gun,					
	10:00am	Shoot Holes @ 5989', POOH, R/D WL					
10:00am		P/U 7" CICR, TIH w/ 2 Jts. 2 7/8" Tbg., P/U 2-6' Subs, TIH w/					
	12:00pm	192 Jts.(194 Jts. Total), Set CICR @ 5939'					
12:00pm		Sting Out, Pump 4 Bbls. To Break Circ., Pressure Test CICR to					
		500 Psi. (Good), Sting into CICR, Open 13 3/8", close 9 5/8",					
		Attempt injection Rate into 13 3/8", 4 Bbls. Into Injection					
		Pressured up to 1200 Psi. (Tried to Surge it Free), No Bleed off,					
		(State Approved to Proceed), Close 13 3/8", Open 9 5/8",					
		Injection Rate @ 2.5 Bbls. Min. 200 Psi., Prep Cementer					
		Pump 4 Bbls. Fresh, 79 sxs. Cement, 4 Bbls. Fresh, Displ. w/					
		22.5 Bbls. Corrosion Inhibited water, Sting out of CICR, Close					
		9 5/8", Open 7", Pump 6 Bbls. Displ. w/ Corrosion Inhibited					
	2:30pm	water					
2:30pm		L/D 86 Jts., Reverse Circ. w/ 40 bbls. (took 10 Bbls. To break					
		Circ., TIH w/ 2 Jts., L/D 2 Jts. (88 Total L/D), TOOH w/ 106 Jts.					
		2 7/8", L/D 2-6' Subs, TOOH w/ 2 Jts. 2 7/8" Tbg. (108 Total),					
	5:30pm	EOT in Derrick (3289'), Winterize Equip., SWIFN, SDFN					
5:30pm	6:00pm	Crew Travel					
7:00pm	8:00pm	Safety Meeting w/ Craig Owens and Mark Dawkins					



Company Name: Merit
API or Project #: 43-043-30227
Well Name/Number: ARE W36-10
Section/Township/Range Sec.36,Twnship 4 N,R. 7 E
Rig #: #24
Tool Pusher: Daniel Norton
Operator: Mike Nielson
Rig Hand: Austin Jones
Rig Hand: Jose Riverra
Rig Hand:
Rig Hand:

Company Man: Mel Wren
Company Man Cell: 1-307-679-8010

Today's Date: 2/9/2016
Days on Well: 10

Drive/Hrs	Ride/Hrs	Work/Hrs	Total/Hrs	Per Diem
1.5		12	13.5	yes
1.5		12	13.5	yes
	1.5	12	13.5	yes
	1.5	12	13.5	yes



Task Times:		Job Steps "In Scope"	Task Times:		Job Steps "Out of Bid Scope"		
6:00am	7:00am	Crew Travel					
7:00am		JSA, Check Pressures; 0 Psi. Tbg.					
	7:30am	0 Psi. 7" Csg., 0 Psi. 9 5/8" Csg., 0 Psi. 13 3/8" Csg.					
7:30am	8:00am	JSA, w/ Magna Wireline, R/U WL					
8:00am		RIH w/ 4 Shot Squeeze Gun, Tag Balance Plug @ 10,074',					
	9:30am	POOH to 7,050', Shoot 4 Holes @ 7,050', POOH, R/D WL					
9:30am		L/D 4 Jts. 2 7/8" Tbg. w/ Cement Scale, P/U 7" CICR,					
		TIH w/ 222 Jts. 2 7/8" Tbg, P/U 7 Jts. (229 Jts. Total), EOT @					
	12:00pm	7000', Set CICR, Sting out,					
12:00pm		Pump 30 Bbls. To Break Circ. In 7", Pressure Test CICR to					
		500 Psi. (Good), Sting in, Attempt Injection Rate into 13 3/8",					
		18 Bbls. To Catch Pressure, (40 Bbls. Total), Locked up to 1200					
		Psi. w/ No Bleed Off, Close 13 3/8", Open 9 5/8", Broke Circ.					
		w/ 1 Bbl., Circ. 162 Bbls. Corrosion Inhibited water up 9 5/8"					
	3:30pm	to Surf. @ 2 Bbl. Min. @ 200 Psi., Prep Cementer					
3:30pm		Pump 4 Bbls. Fresh, 65 Sxs. Cement, 4 Bbls. Fresh, Displ. w/					
		30.5 Bbls. Corrosion Inhibited Water, Sting out, Open 7",					
		Displ. w/ 4.5 Bbls. (Leaving 30 Sxs. Cement ontop of CICR,TOC @					
	4:30pm	6834')					
4:30pm		L/D 33 Jts. 2 7/8" Tbg., EOT @ 5989', Reverse Circ. w/ 45 Bbls.					
		(No Cement in Returns), TOOH w/ 24 Jts., EOT @ 5254',					
	7:00pm	Winterize Equip. SWIFN, SDFN					
7:00pm	7:30pm	Crew Travel					

Rig Hand:

Company Man Cell: 1-307-679-8010

Days on Well: 9

[illegible]

Rig Hand:

Company Man Cell: 1-307-679-8010

Days on Well: 2

<i>Drive/Hrs</i>	<i>Ride/Hrs</i>	<i>Work/Hrs</i>	<i>Total/Hrs</i>	<i>Per Diem</i>
1.5		13	14.5	yes
1.5		13	14.5	yes
	1.5	13	14.5	yes
	1.5	13	14.5	yes

[illegible]

Rig Hand:

[illegible]

Rig Hand:

Company Man Cell: 1-307-679-8010

Days on Well: 0

[illegible]

				CUSTOMER		Merit Energy		FORMULA	
				WELL		ARE W 36-10			
				DATE		1/29/2016			
				COUNTY		Summit			
				STATE		Utah			
				CO. REP.		Mel Wren			

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	1ST FISH TOP	2ND FISH TOP
49	49	-49	59.46	2967.79	2983.65	17.18	83.23	19291	-23.96	-2983.65	-2983.65
50	50	-50	61.50	3029.29	3045.15	17.53	84.96	19690	-24.45	-3045.15	-3045.15
Length of 10				601.20							
51	51	-51	60.70	3089.99	3105.85	17.89	86.66	20085	-24.94	-3105.85	-3105.85
52	52	-52	61.30	3151.29	3167.15	18.24	88.38	20483	-25.43	-3167.15	-3167.15
53	53	-53	62.10	3213.39	3229.25	18.60	90.12	20887	-25.93	-3229.25	-3229.25
54	54	-54	62.42	3275.81	3291.67	18.96	91.87	21293	-26.43	-3291.67	-3291.67
55	55	-55	61.60	3337.41	3353.27	19.32	93.60	21693	-26.92	-3353.27	-3353.27
56	56	-56	61.80	3399.21	3415.07	19.68	95.33	22095	-27.42	-3415.07	-3415.07
57	57	-57	61.03	3460.24	3476.10	20.03	97.04	22492	-27.91	-3476.10	-3476.10
58	58	-58	61.23	3521.47	3537.33	20.38	98.76	22890	-28.40	-3537.33	-3537.33
59	59	-59	63.15	3584.62	3600.48	20.75	100.53	23300	-28.91	-3600.48	-3600.48
60	60	-60	61.55	3646.17	3662.03	21.11	102.26	23700	-29.40	-3662.03	-3662.03
Length of 10				616.88							
61	61	-61	59.40	3705.57	3721.43	21.45	103.92	24086	-29.88	-3721.43	-3721.43
62	62	-62	59.41	3764.98	3780.84	21.79	105.59	24472	-30.36	-3780.84	-3780.84
63	63	-63	58.40	3823.38	3839.24	22.13	107.23	24852	-30.83	-3839.24	-3839.24
64	64	-64	61.55	3884.93	3900.79	22.49	108.95	25252	-31.32	-3900.79	-3900.79
65	65	-65	59.60	3944.53	3960.39	22.83	110.63	25639	-31.80	-3960.39	-3960.39
66	66	-66	59.52	4004.05	4019.91	23.18	112.30	26026	-32.28	-4019.91	-4019.91
67	67	-67	62.27	4066.32	4082.18	23.54	114.04	26431	-32.78	-4082.18	-4082.18
68	68	-68	63.10	4129.42	4145.28	23.90	115.81	26841	-33.28	-4145.28	-4145.28
69	69	-69	61.70	4191.12	4206.98	24.26	117.54	27242	-33.78	-4206.98	-4206.98
70	70	-70	62.63	4253.75	4269.61	24.62	119.30	27649	-34.28	-4269.61	-4269.61
Length of 10				607.58							
71	71	-71	62.55	4316.30	4332.16	24.98	121.05	28056	-34.78	-4332.16	-4332.16
72	72	-72	61.88	4378.18	4394.04	25.34	122.79	28458	-35.28	-4394.04	-4394.04
73	73	-73	62.15	4440.33	4456.19	25.70	124.53	28862	-35.78	-4456.19	-4456.19
74	74	-74	63.00	4503.33	4519.19	26.07	126.30	29272	-36.29	-4519.19	-4519.19
75	75	-75	61.70	4565.03	4580.89	26.42	128.03	29673	-36.78	-4580.89	-4580.89
76	76	-76	62.93	4627.96	4643.82	26.79	129.79	30082	-37.29	-4643.82	-4643.82
77	77	-77	60.80	4688.76	4704.62	27.14	131.50	30477	-37.77	-4704.62	-4704.62
78	78	-78	59.69	4748.45	4764.31	27.49	133.17	30865	-38.25	-4764.31	-4764.31
79	79	-79	62.43	4810.88	4826.74	27.85	134.92	31271	-38.75	-4826.74	-4826.74
80	80	-80	59.95	4870.83	4886.69	28.19	136.60	31660	-39.24	-4886.69	-4886.69
Length of 10				617.08							
81	81	-81	61.50	4932.33	4948.19	28.55	138.33	32060	-39.73	-4948.19	-4948.19
82	82	-82	61.05	4993.38	5009.24	28.90	140.04	32457	-40.22	-5009.24	-5009.24
83	83	-83	61.63	5055.01	5070.87	29.26	141.77	32858	-40.72	-5070.87	-5070.87
84	84	-84	61.85	5116.86	5132.72	29.62	143.50	33260	-41.21	-5132.72	-5132.72
85	85	-85	62.23	5179.09	5194.95	29.98	145.25	33664	-41.71	-5194.95	-5194.95
86	86	-86	61.22	5240.31	5256.17	30.33	146.97	34062	-42.20	-5256.17	-5256.17
87	87	-87	61.19	5301.50	5317.36	30.69	148.68	34460	-42.69	-5317.36	-5317.36
88	88	-88	63.10	5364.60	5380.46	31.05	150.45	34870	-43.20	-5380.46	-5380.46
89	89	-89	60.10	5424.70	5440.56	31.40	152.14	35261	-43.68	-5440.56	-5440.56
90	90	-90	61.30	5486.00	5501.86	31.75	153.86	35659	-44.18	-5501.86	-5501.86
Length of 10				615.17							
91	91	-91	63.85	5549.85	5565.71	32.12	155.65	36074	-44.69	-5565.71	-5565.71
92	92	-92	61.50	5611.35	5627.21	32.48	157.37	36474	-45.18	-5627.21	-5627.21
93	93	-93	60.85	5672.20	5688.06	32.83	159.08	36869	-45.67	-5688.06	-5688.06
94	94	-94	60.77	5732.97	5748.83	33.18	160.78	37264	-46.16	-5748.83	-5748.83
95	95	-95	59.74	5792.71	5808.57	33.53	162.46	37653	-46.64	-5808.57	-5808.57
96	96	-96	60.95	5853.66	5869.52	33.88	164.17	38049	-47.13	-5869.52	-5869.52
97	97	-97	59.15	5912.81	5928.67	34.23	165.83	38433	-47.60	-5928.67	-5928.67
98	98	-98	63.10	5975.91	5991.77	34.59	167.60	38843	-48.11	-5991.77	-5991.77
99	99	-99	61.00	6036.91	6052.77	34.94	169.31	39240	-48.60	-6052.77	-6052.77
100	100	-100	62.10	6099.01	6114.87	35.30	171.05	39644	-49.10	-6114.87	-6114.87
Length of 10				613.01							
101	101	-101	60.36	6159.37	6175.23	35.65	172.74	40036	-49.58	-6175.23	-6175.23
102	102	-102	63.55	6222.92	6238.78	36.02	174.52	40449	-50.09	-6238.78	-6238.78
103	103	-103	62.10	6285.02	6300.88	36.38	176.27	40853	-50.59	-6300.88	-6300.88
104	104	-104	61.15	6346.17	6362.03	36.73	177.98	41250	-51.08	-6362.03	-6362.03
105	105	-105	59.88	6406.05	6421.91	37.08	179.66	41639	-51.56	-6421.91	-6421.91
106	106	-106	61.30	6467.35	6483.21	37.43	181.38	42038	-52.06	-6483.21	-6483.21
107	107	-107	62.20	6529.55	6545.41	37.80	183.12	42442	-52.55	-6545.41	-6545.41
108	108	-108	62.10	6591.65	6607.51	38.15	184.87	42846	-53.05	-6607.51	-6607.51
109	109	-109	58.00	6649.65	6665.51	38.49	186.49	43223	-53.52	-6665.51	-6665.51
110	110	-110	63.00	6712.65	6728.51	38.85	188.26	43632	-54.02	-6728.51	-6728.51
Length of 10				613.64							
111	111	-111	58.40	6771.05	6786.91	39.19	189.90	44012	-54.49	-6786.91	-6786.91

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	1ST FISH TOP	2ND FISH TOP
112	112	-112	60.45	6831.50	6847.36	39.54	191.59	44405	-54.98	-6847.36	-6847.36
113	113	-113	58.90	6890.40	6906.26	39.88	193.24	44788	-55.45	-6906.26	-6906.26
114	114	-114	63.05	6953.45	6969.31	40.25	195.01	45197	-55.96	-6969.31	-6969.31
115	115	-115	63.03	7016.48	7032.34	40.61	196.78	45607	-56.46	-7032.34	-7032.34
116	116	-116	62.97	7079.45	7095.31	40.98	198.55	46016	-56.97	-7095.31	-7095.31
117	117	-117	62.10	7141.55	7157.41	41.34	200.29	46420	-57.47	-7157.41	-7157.41
118	118	-118	62.53	7204.08	7219.94	41.70	202.04	46827	-57.97	-7219.94	-7219.94
119	119	-119	65.00	7269.08	7284.94	42.08	203.86	47249	-58.49	-7284.94	-7284.94
120	120	-120	65.03	7334.11	7349.97	42.45	205.69	47672	-59.01	-7349.97	-7349.97
Length of 10				621.46							
121	121	-121	64.90	7399.01	7414.87	42.83	207.51	48094	-59.54	-7414.87	-7414.87
122	122	-122	64.95	7463.96	7479.82	43.20	209.33	48516	-60.06	-7479.82	-7479.82
123	123	-123	65.00	7528.96	7544.82	43.58	211.15	48938	-60.58	-7544.82	-7544.82
124	124	-124	60.54	7589.50	7605.36	43.93	212.85	49332	-61.07	-7605.36	-7605.36
125	125	-125	59.23	7648.73	7664.59	44.27	214.51	49717	-61.54	-7664.59	-7664.59
126	126	-126	64.20	7712.93	7728.79	44.64	216.31	50134	-62.06	-7728.79	-7728.79
127	127	-127	60.67	7773.60	7789.46	45.00	218.01	50528	-62.54	-7789.46	-7789.46
128	128	-128	64.85	7838.45	7854.31	45.37	219.83	50950	-63.06	-7854.31	-7854.31
129	129	-129	65.03	7903.48	7919.34	45.75	221.66	51373	-63.59	-7919.34	-7919.34
130	130	-130	30.24	7933.72	7949.58	45.92	222.51	51569	-63.83	-7949.58	-7949.58
Length of 10				599.61							
131	131	-131	31.46	7965.18	7981.04	46.10	223.39	51774	-64.08	-7981.04	-7981.04
132	132	-132	31.57	7996.75	8012.61	46.29	224.27	51979	-64.34	-8012.61	-8012.61
133	133	-133	31.57	8028.32	8044.18	46.47	225.16	52184	-64.59	-8044.18	-8044.18
134	134	-134	31.61	8059.93	8075.79	46.65	226.04	52390	-64.84	-8075.79	-8075.79
135	135	-135	31.52	8091.45	8107.31	46.84	226.93	52594	-65.10	-8107.31	-8107.31
136	136	-136	30.90	8122.35	8138.21	47.01	227.80	52795	-65.34	-8138.21	-8138.21
137	137	-137	31.23	8153.58	8169.44	47.20	228.67	52998	-65.59	-8169.44	-8169.44
138	138	-138	31.50	8185.08	8200.94	47.38	229.55	53203	-65.85	-8200.94	-8200.94
139	139	-139	31.55	8216.63	8232.49	47.56	230.44	53408	-66.10	-8232.49	-8232.49
140	140	-140	31.45	8248.08	8263.94	47.74	231.32	53613	-66.35	-8263.94	-8263.94
Length of 10				314.36							
141	141	-141	31.56	8279.64	8295.50	47.93	232.21	53818	-66.61	-8295.50	-8295.50
142	142	-142	30.45	8310.09	8325.95	48.10	233.06	54016	-66.85	-8325.95	-8325.95
143	143	-143	30.57	8340.66	8356.52	48.28	233.92	54214	-67.10	-8356.52	-8356.52
144	144	-144	31.35	8372.01	8387.87	48.46	234.80	54418	-67.35	-8387.87	-8387.87
145	145	-145	31.47	8403.48	8419.34	48.64	235.68	54623	-67.60	-8419.34	-8419.34
146	146	-146	31.39	8434.87	8450.73	48.82	236.56	54827	-67.85	-8450.73	-8450.73
147	147	-147	31.54	8466.41	8482.27	49.01	237.44	55032	-68.11	-8482.27	-8482.27
148	148	-148	31.53	8497.94	8513.80	49.19	238.33	55237	-68.36	-8513.80	-8513.80
149	149	-149	31.52	8529.46	8545.32	49.37	239.21	55441	-68.61	-8545.32	-8545.32
150	150	-150	30.74	8560.20	8576.06	49.55	240.08	55641	-68.86	-8576.06	-8576.06
Length of 10				312.12							
151	151	-151	31.56	8591.76	8607.62	49.73	240.96	55846	-69.11	-8607.62	-8607.62
152	152	-152	31.52	8623.28	8639.14	49.91	241.84	56051	-69.37	-8639.14	-8639.14
153	153	-153	31.58	8654.86	8670.72	50.10	242.73	56257	-69.62	-8670.72	-8670.72
154	154	-154	31.60	8686.46	8702.32	50.28	243.62	56462	-69.87	-8702.32	-8702.32
155	155	-155	31.59	8718.05	8733.91	50.46	244.50	56667	-70.13	-8733.91	-8733.91
156	156	-156	31.56	8749.61	8765.47	50.65	245.39	56872	-70.38	-8765.47	-8765.47
157	157	-157	31.63	8781.24	8797.10	50.83	246.27	57078	-70.63	-8797.10	-8797.10
158	158	-158	31.53	8812.77	8828.63	51.01	247.16	57283	-70.89	-8828.63	-8828.63
159	159	-159	31.58	8844.35	8860.21	51.19	248.04	57488	-71.14	-8860.21	-8860.21
160	160	-160	30.70	8875.05	8890.91	51.37	248.91	57688	-71.39	-8890.91	-8890.91
Length of 10				314.85							
161	161	-161	30.68	8905.73	8921.59	51.55	249.77	57887	-71.63	-8921.59	-8921.59
162	162	-162	31.41	8937.14	8953.00	51.73	250.65	58091	-71.89	-8953.00	-8953.00
163	163	-163	31.52	8968.66	8984.52	51.91	251.53	58296	-72.14	-8984.52	-8984.52
164	164	-164	30.43	8999.09	9014.95	52.09	252.38	58494	-72.38	-9014.95	-9014.95
165	165	-165	33.03	9032.12	9047.98	52.28	253.31	58709	-72.65	-9047.98	-9047.98
166	166	-166	31.54	9063.66	9079.52	52.46	254.19	58914	-72.90	-9079.52	-9079.52
167	167	-167	31.50	9095.16	9111.02	52.65	255.08	59119	-73.15	-9111.02	-9111.02
168	168	-168	31.55	9126.71	9142.57	52.83	255.96	59324	-73.41	-9142.57	-9142.57
169	169	-169	31.53	9158.24	9174.10	53.01	256.85	59529	-73.66	-9174.10	-9174.10
170	170	-170	31.55	9189.79	9205.65	53.19	257.73	59734	-73.91	-9205.65	-9205.65
Length of 10				314.74							
171	171	-171	31.53	9221.32	9237.18	53.38	258.62	59939	-74.17	-9237.18	-9237.18
172	172	-172	31.52	9252.84	9268.70	53.56	259.50	60143	-74.42	-9268.70	-9268.70
173	173	-173	31.16	9284.00	9299.86	53.74	260.37	60346	-74.67	-9299.86	-9299.86
174	174	-174	30.96	9314.96	9330.82	53.92	261.24	60547	-74.92	-9330.82	-9330.82
175	175	-175	31.67	9346.63	9362.49	54.10	262.13	60753	-75.17	-9362.49	-9362.49

14 KB

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	10 FISH TOP	2ND FISH TOP
176	176	-176	30.53	9377.16	9393.02	54.28	262.99	60952	-75.42	-9393.02	-9393.02
177	177	-177	31.62	9408.78	9424.64	54.46	263.87	61157	-75.67	-9424.64	-9424.64
178	178	-178	31.51	9440.29	9456.15	54.64	264.76	61362	-75.93	-9456.15	-9456.15
179	179	-179	31.62	9471.91	9487.77	54.83	265.64	61567	-76.18	-9487.77	-9487.77
180	180	-180	31.55	9503.46	9519.32	55.01	266.53	61772	-76.43	-9519.32	-9519.32
Length of 10				313.67							
181	181	-181	31.54	9535.00	9550.86	55.19	267.41	61978	-76.69	-9550.86	-9550.86
182	182	-182	31.57	9566.57	9582.43	55.37	268.30	62183	-76.94	-9582.43	-9582.43
183	183	-183	31.60	9598.17	9614.03	55.56	269.19	62388	-77.19	-9614.03	-9614.03
184	184	-184	31.58	9629.75	9645.61	55.74	270.07	62593	-77.45	-9645.61	-9645.61
185	185	-185	31.50	9661.25	9677.11	55.92	270.95	62798	-77.70	-9677.11	-9677.11
186	186	-186	31.52	9692.77	9708.63	56.10	271.84	63003	-77.95	-9708.63	-9708.63
187	187	-187	31.53	9724.30	9740.16	56.29	272.72	63208	-78.21	-9740.16	-9740.16
188	188	-188	31.58	9755.88	9771.74	56.47	273.61	63413	-78.46	-9771.74	-9771.74
189	189	-189	31.53	9787.41	9803.27	56.65	274.49	63618	-78.71	-9803.27	-9803.27
190	190	-190	31.55	9818.96	9834.82	56.84	275.38	63823	-78.97	-9834.82	-9834.82
Length of 10				315.50							
191	191	-191	31.52	9850.48	9866.34	57.02	276.26	64028	-79.22	-9866.34	-9866.34
192	192	-192	31.55	9882.03	9897.89	57.20	277.15	64233	-79.47	-9897.89	-9897.89
193	193	-193	31.60	9913.63	9929.49	57.38	278.03	64439	-79.73	-9929.49	-9929.49
194	194	-194	31.52	9945.15	9961.01	57.57	278.92	64643	-79.98	-9961.01	-9961.01
195	195	-195	31.55	9976.70	9992.56	57.75	279.80	64849	-80.23	-9992.56	-9992.56
196	196	-196	31.55	10008.25	10024.11	57.93	280.69	65054	-80.49	-10024.11	-10024.11
197	197	-197	33.41	10041.66	10057.52	58.12	281.62	65271	-80.75	-10057.52	-10057.52
198	198	-198	31.32	10072.98	10088.84	58.31	282.50	65474	-81.01	-10088.84	-10088.84
199	199	-199	31.18	10104.16	10120.02	58.49	283.38	65677	-81.26	-10120.02	-10120.02
200	200	-200	31.22	10135.38	10151.24	58.67	284.25	65880	-81.51	-10151.24	-10151.24
Length of 10				316.42							
201	201	-201	31.50	10166.88	10182.74	58.85	285.14	66085	-81.76	-10182.74	-10182.74
202	202	-202	31.60	10198.48	10214.34	59.03	286.02	66290	-82.01	-10214.34	-10214.34
203	203	-203	30.93	10229.41	10245.27	59.21	286.89	66491	-82.26	-10245.27	-10245.27
204	204	-204	28.14	10257.55	10273.41	59.37	287.68	66674	-82.49	-10273.41	-10273.41
205	205	-205	31.03	10288.58	10304.44	59.55	288.55	66876	-82.74	-10304.44	-10304.44
206	206	-206	31.52	10320.10	10335.96	59.74	289.43	67081	-82.99	-10335.96	-10335.96
207	207	-207	33.38	10353.48	10369.34	59.93	290.37	67298	-83.26	-10369.34	-10369.34
208	208	-208	30.72	10384.20	10400.06	60.11	291.23	67497	-83.50	-10400.06	-10400.06
209	209	-209	30.11	10414.31	10430.17	60.28	292.07	67693	-83.75	-10430.17	-10430.17
210	210	-210	32.73	10447.04	10462.90	60.47	292.99	67906	-84.01	-10462.90	-10462.90
Length of 10				311.66							
211	211	-211	30.90	10477.94	10493.80	60.65	293.86	68107	-84.26	-10493.80	-10493.80
212	212	-212	33.35	10511.29	10527.15	60.84	294.79	68323	-84.52	-10527.15	-10527.15
213	213	-213	31.13	10542.42	10558.28	61.02	295.67	68526	-84.77	-10558.28	-10558.28
214	214	-214	31.61	10574.03	10589.89	61.21	296.55	68731	-85.03	-10589.89	-10589.89
215	215	-215	31.56	10605.59	10621.45	61.39	297.44	68936	-85.28	-10621.45	-10621.45
216	216	-216	31.50	10637.09	10652.95	61.57	298.32	69141	-85.53	-10652.95	-10652.95
217	217	-217	31.55	10668.64	10684.50	61.75	299.21	69346	-85.79	-10684.50	-10684.50
218	218	-218	31.58	10700.22	10716.08	61.94	300.09	69551	-86.04	-10716.08	-10716.08
219	219	-219	31.45	10731.67	10747.53	62.12	300.97	69756	-86.29	-10747.53	-10747.53
220	220	-220	31.53	10763.20	10779.06	62.30	301.86	69961	-86.55	-10779.06	-10779.06
Length of 10				316.16							
221	221	-221	31.52	10794.72	10810.58	62.48	302.74	70166	-86.80	-10810.58	-10810.58
222	222	-222	31.53	10826.25	10842.11	62.67	303.63	70371	-87.05	-10842.11	-10842.11
223	223	-223	31.00	10857.25	10873.11	62.85	304.50	70572	-87.30	-10873.11	-10873.11
224	224	-224	31.52	10888.77	10904.63	63.03	305.38	70777	-87.56	-10904.63	-10904.63
225	225	-225	31.00	10919.77	10935.63	63.21	306.25	70979	-87.80	-10935.63	-10935.63
226	226	-226	31.10	10950.87	10966.73	63.39	307.12	71181	-88.05	-10966.73	-10966.73
227	227	-227	31.78	10982.65	10998.51	63.57	308.01	71387	-88.31	-10998.51	-10998.51
228	228	-228	31.33	11013.98	11029.84	63.75	308.89	71591	-88.56	-11029.84	-11029.84
229	229	-229	31.63	11045.61	11061.47	63.94	309.78	71796	-88.82	-11061.47	-11061.47
230	230	-230	31.50	11077.11	11092.97	64.12	310.66	72001	-89.07	-11092.97	-11092.97
Length of 10				313.91							
231	231	-231	31.35	11108.46	11124.32	64.30	311.54	72205	-89.32	-11124.32	-11124.32
232	232	-232	31.62	11140.08	11155.94	64.48	312.43	72411	-89.57	-11155.94	-11155.94
233	233	-233	31.50	11171.58	11187.44	64.66	313.31	72615	-89.83	-11187.44	-11187.44
234	234	-234	31.58	11203.16	11219.02	64.85	314.20	72821	-90.08	-11219.02	-11219.02
235	235	-235	31.52	11234.68	11250.54	65.03	315.08	73025	-90.33	-11250.54	-11250.54
236	236	-236	31.55	11266.23	11282.09	65.21	315.97	73230	-90.59	-11282.09	-11282.09
237	237	-237	31.55	11297.78	11313.64	65.39	316.85	73436	-90.84	-11313.64	-11313.64
238	238	-238	31.55	11329.33	11345.19	65.58	317.74	73641	-91.09	-11345.19	-11345.19
239	239	-239	31.64	11360.97	11376.83	65.76	318.62	73846	-91.35	-11376.83	-11376.83

XP3
LDL6
Ar P2

334" in hole

217 FOT

#	JTS IN	JTS OUT	JT LENGTH	TOTAL TUBING	TBG + BHA + KB	TBG VOLUME	CSG ANN VOLUME	STRING WEIGHT	LINER ANN VOLUME	1ST FISH TOP	2ND FISH TOP
240	240	-240	32.23	11393.20	11409.06	65.95	319.53	74056	-91.61	-11409.06	-11409.06
Length of 10				316.09							
241	241	-241	31.57	11424.77	11440.63	66.13	320.41	74261	-91.86	-11440.63	-11440.63
242	242	-242	30.22	11454.99	11470.85	66.30	321.26	74457	-92.10	-11470.85	-11470.85
243	243	-243	31.36	11486.35	11502.21	66.49	322.14	74661	-92.35	-11502.21	-11502.21
244	244	-244	31.45	11517.80	11533.66	66.67	323.02	74866	-92.61	-11533.66	-11533.66
245	245	-245	30.95	11548.75	11564.61	66.85	323.89	75067	-92.85	-11564.61	-11564.61
246	246	-246	31.53	11580.28	11596.14	67.03	324.77	75272	-93.11	-11596.14	-11596.14
247	247	-247	30.62	11610.90	11626.76	67.21	325.63	75471	-93.35	-11626.76	-11626.76
248	248	-248	31.65	11642.55	11658.41	67.39	326.52	75677	-93.61	-11658.41	-11658.41
249	249	-249	31.68	11674.23	11690.09	67.57	327.41	75882	-93.86	-11690.09	-11690.09
250	250	-250	31.55	11705.78	11721.64	67.76	328.29	76088	-94.12	-11721.64	-11721.64
Length of 10				312.58							
251	251	-251	30.98	11736.76	11752.62	67.94	329.16	76289	-94.36	-11752.62	-11752.62
252	252	-252	31.53	11768.29	11784.15	68.12	330.05	76494	-94.62	-11784.15	-11784.15
253	253	-253	30.97	11799.26	11815.12	68.30	330.92	76695	-94.87	-11815.12	-11815.12
254	254	-254	31.52	11830.78	11846.64	68.48	331.80	76900	-95.12	-11846.64	-11846.64
255	255	-255	31.37	11862.15	11878.01	68.66	332.68	77104	-95.37	-11878.01	-11878.01
256	256	-256	31.00	11893.15	11909.01	68.84	333.55	77305	-95.62	-11909.01	-11909.01
257	257	-257	31.58	11924.73	11940.59	69.02	334.43	77511	-95.87	-11940.59	-11940.59
258	258	-258	31.55	11956.28	11972.14	69.21	335.32	77716	-96.13	-11972.14	-11972.14
259	259	-259	31.60	11987.88	12003.74	69.39	336.21	77921	-96.38	-12003.74	-12003.74
260	260	-260	31.50	12019.38	12035.24	69.57	337.09	78126	-96.63	-12035.24	-12035.24
Length of 10				313.60							
261	261	-261	31.00	12050.38	12066.24	69.75	337.96	78327	-96.88	-12066.24	-12066.24
262	262	-262	31.02	12081.40	12097.26	69.93	338.83	78529	-97.13	-12097.26	-12097.26
263	263	-263	31.00	12112.40	12128.26	70.11	339.70	78731	-97.38	-12128.26	-12128.26
264	264	-264	31.53	12143.93	12159.79	70.29	340.58	78936	-97.63	-12159.79	-12159.79
265	265	-265	31.52	12175.45	12191.31	70.48	341.47	79140	-97.89	-12191.31	-12191.31
266	266	-266	31.33	12206.78	12222.64	70.66	342.35	79344	-98.14	-12222.64	-12222.64
267	267	-267	31.35	12238.13	12253.99	70.84	343.22	79548	-98.39	-12253.99	-12253.99
268	268	-268	31.55	12269.68	12285.54	71.02	344.11	79753	-98.64	-12285.54	-12285.54
269	269	-269	31.60	12301.28	12317.14	71.20	345.00	79958	-98.90	-12317.14	-12317.14
270	270	-270	31.67	12332.95	12348.81	71.39	345.88	80164	-99.15	-12348.81	-12348.81
Length of 10				313.57							
271	271	-271	31.50	12364.45	12380.31	71.57	346.77	80369	-99.40	-12380.31	-12380.31
272	272	-272	31.70	12396.15	12412.01	71.75	347.66	80575	-99.66	-12412.01	-12412.01
273	273	-273	31.20	12427.35	12443.21	71.93	348.53	80778	-99.91	-12443.21	-12443.21
274	274	-274	31.00	12458.35	12474.21	72.11	349.40	80979	-100.16	-12474.21	-12474.21
275	275	-275	31.46	12489.81	12505.67	72.29	350.28	81184	-100.41	-12505.67	-12505.67
276	276	-276	33.38	12523.19	12539.05	72.49	351.22	81401	-100.68	-12539.05	-12539.05
277	277	-277	29.86	12553.05	12568.91	72.66	352.06	81595	-100.92	-12568.91	-12568.91
278	278	-278	31.55	12584.60	12600.46	72.84	352.94	81800	-101.17	-12600.46	-12600.46
279	279	-279	31.00	12615.60	12631.46	73.02	353.81	82001	-101.42	-12631.46	-12631.46
280	280	-280	31.52	12647.12	12662.98	73.21	354.69	82206	-101.67	-12662.98	-12662.98
Length of 10				314.17							
281	281	-281	31.58	12678.70	12694.56	73.39	355.58	82412	-101.93	-12694.56	-12694.56
282	282	-282	31.50	12710.20	12726.06	73.57	356.46	82616	-102.18	-12726.06	-12726.06
283	283	-283	31.50	12741.70	12757.56	73.75	357.35	82821	-102.43	-12757.56	-12757.56
284	284	-284	31.55	12773.25	12789.11	73.94	358.23	83026	-102.69	-12789.11	-12789.11
285	285	-285	31.52	12804.77	12820.63	74.12	359.12	83231	-102.94	-12820.63	-12820.63
286	286	-286	31.35	12836.12	12851.98	74.30	360.00	83435	-103.19	-12851.98	-12851.98
287	287	-287	31.53	12867.65	12883.51	74.48	360.88	83640	-103.44	-12883.51	-12883.51
288	288	-288	31.50	12899.15	12915.01	74.66	361.76	83844	-103.70	-12915.01	-12915.01
289	289	-289	31.00	12930.15	12946.01	74.84	362.63	84046	-103.95	-12946.01	-12946.01
290	290	-290	31.50	12961.65	12977.51	75.03	363.52	84251	-104.20	-12977.51	-12977.51
Length of 10				314.53							
291	291	-291	31.55	12993.20	13009.06	75.21	364.40	84456	-104.45	-13009.06	-13009.06
292	292	-292	30.98	13024.18	13040.04	75.39	365.27	84657	-104.70	-13040.04	-13040.04
293	293	-293	31.50	13055.68	13071.54	75.57	366.15	84862	-104.95	-13071.54	-13071.54
294	294	-294	31.50	13087.18	13103.04	75.75	367.04	85067	-105.21	-13103.04	-13103.04
295	295	-295	31.38	13118.56	13134.42	75.93	367.92	85271	-105.46	-13134.42	-13134.42
296	296	-296	31.52	13150.08	13165.94	76.12	368.80	85476	-105.71	-13165.94	-13165.94
297	297	-297	31.60	13181.68	13197.54	76.30	369.69	85681	-105.97	-13197.54	-13197.54
298	298	-298	31.65	13213.33	13229.19	76.48	370.57	85887	-106.22	-13229.19	-13229.19
299	299	-299	31.05	13244.38	13260.24	76.66	371.45	86088	-106.47	-13260.24	-13260.24
300	300	-300	31.03	13275.41	13291.27	76.84	372.32	86290	-106.72	-13291.27	-13291.27
Length of 10				313.76							
301	301	-301	31.30	13306.71	13322.57	77.02	373.19	86494	-106.97	-13322.57	-13322.57
302	302	-302	30.98	13337.69	13353.55	77.20	374.06	86695	-107.22	-13353.55	-13353.55

